

STIC Database Tracking Number: 314173

**To: Lena Najarian**  
**Location: KNX 5A59**  
**Art Unit: 3686**  
**Date: 11/17/2009**  
**Case Serial Number: 09/776484**

**From: Heidi Myers**  
**Location: EIC3600, KNX 4A70**  
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## Search Notes

09/776484                      Full template search  
METHOD AND SYSTEM FOR EXTRACTING MEDICAL INFORMATION FOR PRESENTATION  
TO MEDICAL PROVIDERS ON MOBILE TERMINALS

Dear Examiner Najarian:

Please find attached the results of your search for the above-referenced case. The search was conducted in the Business Method Template files in Dialog. As required for a full template search, I also searched *Financial Times* in ProQuest and the *Internet and Personal Computing Abstracts* in EbscoHost.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

***\*EIC-Searcher identified "potential references of interest" are selected based upon their apparent relevance to the terms/concepts provided in the examiner's search request.***

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## I. Potential References of Interest

21/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012649968 - Drawing available

WPI ACC NO: 2002-499355/200253

Related WPI Acc No: 2002-204311

XRPX Acc No: N2002-395348

Hand-held medical log for diagnosis of diseases, chronic disorders, uses three sets of icons representing bodily conditions, bodily locations and control operations of log

Patent Assignee: JUNG RICHARDSON D L (RICH-I)

Inventor: JUNG RICHARDSON D L

Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20020052763	A1	20020502	US 1998122464	A	19980724	200253 B
			US 2001942438	A	20010829	

Priority Applications (no., kind, date): US 1998122464 A 19980724; US 2001942438 A 20010829

### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020052763	A1	EN	14	8	Continuation of application US 1998122464

### Alerting Abstract US A1

NOVELTY - The medical log has three sets of icons each representing different bodily conditions, locations and control operations of medical log (10) respectively. A microcontroller stores the time corresponding to the entry, of the bodily condition icon and bodily location icon into the medical log.

USE - For diagnosis of diseases, chronic disorders etc., including sharp pain, rashes, swelling, throbbing, bleeding, itching, tingling, cough, tired, headache, loss of appetite, diarrhea, fever, running nose, vomiting, urinary pain, constipation, etc.

ADVANTAGE - The medical log is hand-held and hence it is easy to use. The medical log is icon driven and can be used by the elderly, children, the sick, the incapacitated and those with minimal computer skills. Entries into the log can be made at pre-scheduled times, each day. An accurate log including date and time is obtained.

DESCRIPTION OF DRAWINGS - The figure shows the icon-driven data entry system and data output display of the medical log.

10 Medical log

Title Terms/Index Terms/Additional Words: HAND; HELD; MEDICAL; LOG; DIAGNOSE; DISEASE; CHRONIC; DISORDER; THREE; SET; REPRESENT; BODY; CONDITION; LOCATE; CONTROL; OPERATE

### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

A61B-0005/00 A I R 20060101

G06F-0019/00 A I R 20060101  
 A61B-0005/00 C I R 20060101  
 G06F-0019/00 C I R 20060101  
 ECLA: A61B-005/00B, G06F-019/00M3T, G06F-019/00M5P  
 US Classification, Current Main: 705-003000; Secondary: 705-002000  
 US Classification, Issued: 7053, 7052  
 File Segment: EPI;  
 DWPI Class: S05; T01  
 Manual Codes (EPI/S-X): S05-D06; S05-G02G1; T01-J06A1; T01-M06A1A

20/5/23 (Item 5 from file: 155)  
 DIALOG(R)File 155:MEDLINE(R)  
 (c) format only 2009 Dialog. All rts. reserv.  
 10315013 PMID: 1583942

Can patients use an automated questionnaire to define their current health status?

Roizen M F; Coalson D; Hayward R S; Schmittner J; Thisted R A; Apfelbaum J L; Stocking C B; Cassel C K; Pompei P; Ford D E; et al  
 Department of Anesthesia and Critical Care, University of Chicago, IL 60637.

Medical care (UNITED STATES) May 1992, 30 (5 Suppl) pMS74-84, ISSN 0025-7079--Print Journal Code: 0230027

Publishing Model Print  
 Document type: Comparative Study; Journal Article  
 Languages: ENGLISH  
 Main Citation Owner: NLM  
 Record type: MEDLINE; Completed  
 Subfile: INDEX MEDICUS

Patient management decisions rarely incorporate standardized health status assessments, since accurate and reliable measures are difficult and expensive to obtain. In prior research with various methods for obtaining health data from patients, it was found that physicians' acceptance of a method was improved if it provided an individualized printout. It was also determined that patients will readily complete a health status questionnaire on a computer when the computer does not look like a computer. Patients' acceptance was greatest when they were presented with a single line of large, pressure-sensitive buttons with which they could respond to questions about their health histories. Using such an instrument, the HealthQuiz, the current study found the same discrepancy rate (3%) between patients' responses to health questions presented on HealthQuiz and during interview as between their responses to questions asked during two separate interviews. Further, to ascertain health status, rules determined by an expert panel were applied to patients' responses to health questions presented on the HealthQuiz screen. It was found that the numerical health status derived from answers to the automated presentation of questions was similar to numerical health status derived by a physician after a patient-physician interview.

Descriptors: \*Diagnosis, Computer-Assisted--standards--ST; \*Health Status Indicators; \*Medical History Taking--methods--MT; \*Questionnaires--standards--ST; Aged; Anesthesiology; Attitude to Computers; Evaluation Studies as Topic; Health Status; Humans; Interviews as Topic--standards--ST; Middle Aged; Preoperative Care--methods--MT; Preventive Medicine; United States

Record Date Created: 19920615  
 Record Date Completed: 19920615

## II. Inventor Search Results from Dialog

### Patent Files

File 371:French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv.  
File 344:Chinese Patents Abs Jan 1985-2006/Jan  
(c) 2006 European Patent Office  
File 347:JAPIO Dec 1976-2009/Jul(Updated 091030)  
(c) 2009 JPO & JAPIO  
File 350:Derwent WPIX 1963-2009/UD=200973  
(c) 2009 Thomson Reuters  
File 349:PCT FULLTEXT 1979-2009/UB=20091112|UT=20091105  
(c) 2009 WIPO/Thomson  
File 348:EUROPEAN PATENTS 1978-200946  
(c) 2009 European Patent Office

Set	Items	Description
S1	149	AU=( LAWSON W? OR LAWSON, W? OR LAWSON (2N)(W OR WILLIAM))
S2	249	AU=( CROSS M? OR CROSS, M? OR CROSS (2N)(M OR MATTHEW))
S3	40	AU=( TEAGUE T? OR TEAGUE, T? OR TEAGUE (2N)(T OR TRAVIS))
S4	31	AU=( YING A? OR YING, A? OR YING (2N)(A OR ALAN))
S5	3	S1 AND S2 AND S3 AND S4
S6	457	S1 OR S2 OR S3 OR S4
S7	0	S6 AND IC=(G06F-017/60 OR G06F-0017/60)
S8	49	S6 AND IC=(G06F OR G06Q)
S9	7	S8 AND (HEALTH OR HEALTHCARE OR MEDICAL OR PHYSICIAN? OR D- OCTOR? OR PATIENT? OR HOSPITAL?)

10/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2009 Thomson Reuters. All rts. reserv.  
0018311628 - Drawing available  
WPI ACC NO: 2008-M31964/200872  
Related WPI Acc No: 2003-898732  
XRPX Acc No: N2008-906874  
Computer program ergonomic graphical user interface displaying product for  
data processing system, has instructions for displaying indication that  
clinical data is available, where indication is displayed adjacent to  
patient names  
Patent Assignee: MERCURYMD INC (MERC-N)  
Inventor: FARNSWORTH M; KEATING J; LAWSON W T; YING A J  
Patent Family (1 patents, 1 countries)  
Patent Application  
Number Kind Date Number Kind Date Update  
US 20080263477 A1 20081023 US 2002101577 A 20020320 200872 B  
US 2008970177 A 20080107

Priority Applications (no., kind, date): US 2002101577 A 20020320; US  
2008970177 A 20080107

### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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Alerting Abstract US A1

NOVELTY - The product has instructions for displaying ~~patient~~ names (131) within a portion of an ergonomic graphical user interface (GUI) (130). ~~Medical~~ facility location information (132) e.g. ~~hospital~~ room number, is displayed for ~~patients~~ adjacent to the respective ~~patient~~ names, where the ~~medical~~ facility location information identifies a location of the ~~patients~~ within a ~~medical~~ facility e.g. ~~hospital~~. An indication is displayed for indicating that new clinical data for the ~~patients~~ is available, where the indication is displayed adjacent to the ~~patient~~ names.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.a method for displaying a graphical user interface (GUI) within a touch screen display of a handheld device
- 2.a data processing system comprising a server.

USE - Computer program product for displaying an ergonomic graphical user interface (GUI) within a touch screen display of a handheld device in a data processing system (claimed) in a ~~medical~~ facility e.g. ~~hospital~~, where the program product is provided in a form of a computer readable storage medium e.g. portable computer diskette, RAM, ROM, EPROM or flash memory, optical fiber and portable compact disc ROM (CD-ROM). Uses include but are not limited to a personal digital assistant (PDA), a radiotelephone, a web-enabled radiotelephone and a mobile/wireless device.

ADVANTAGE - The method allows a data processing system to provide improved and less time-consuming ways of allowing ~~healthcare~~ providers to access the ~~patient~~ information from various sources, and from various locations. The method allows the data processing system to provide improved ways of presenting the ~~patient~~ information to the ~~healthcare~~ providers via a handheld device.

DESCRIPTION OF DRAWINGS - The drawing shows a schematic view of a graphical user interface.

- 130 Ergonomic graphical user interface
- 131 ~~Patient~~ names
- 132 ~~Medical~~ facility location information
- 134 Graphical user interface control
- 140 Menu bar

Title Terms/Index Terms/Additional Words: COMPUTER; PROGRAM; ERGONOMIC; GRAPHICAL; USER; INTERFACE; DISPLAY; PRODUCT; DATA; PROCESS; SYSTEM; INSTRUCTION; INDICATE; CLINICAL; AVAILABLE; ADJACENT; ~~PATIENT~~; NAME

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

- G06F-0019/00 A I R 20060101
- G06F-0003/033 A I R 20060101
- G06F-0003/048 A I F B 20060101
- G06F-0019/00 C I R 20060101
- G06F-0003/033 C I R 20060101
- G06F-0003/048 C I F B 20060101

ECLA: G06F-003/048A1M, G06F-003/048A3, G06F-003/048A3T, G06F-019/00M3L, G06F-019/00M5P

ICO: S06F-019:00M3F, S06F-019:00M5S  
 US Classification, Current Main: 715-810000  
 US Classification, Issued: 715810  
 File Segment: EPI;  
 DWPI Class: S05; T01; T04; V07  
 Manual Codes (EPI/S-X): S05-G02G1; T01-C02B; T01-H01B3D; T01-J12B; T01-N01E1; T01-N02A3C; T01-N03B1; T01-S03; T04-F02A2; T04-H03C3; T04-H03C9; V07-F01A1

10/5/2 (Item 2 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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 0016780856

WPI ACC NO: 2007-495921/200748  
 Robot for regimen compliance management has regimen compliance manager used  
 for ensuring compliance of person with regimen routine  
 Patent Assignee: ANGLE C (ANGL-I); BICKMORE T (BICK-I); CAMPBELL T L  
 (CAMP-I); CROSS M (CROS-I); GRUBER A (GRUB-I); IROBOT CORP (IROB-N);  
 JONES A (JONE-I); SINCLAIR K (SINC-I); VU C (VUCC-I); ZIEGLER A (ZIEG-I)  
 Inventor: ANGLE C; BICKMORE T; BOLTON C; CAMPBELL T L; CROSS M;  
 GOETSCH J; GRUBER A; JONES A; SINCLAIR K; SINGLAIR K; VU C; WILDE L;  
 WILLISTON P; ZIEGLER A; CAMPBELL T

Patent Family (9 patents, 116 countries)			Application			
Patent Number	Kind	Date	Number	Kind	Date	Update
WO 2007041295	A2	20070412	WO 2006US38063	A	20060929	200748 B
US 20070192910	A1	20070816	US 2005722935	P	20050930	200755 E
			US 2006745006	P	20060417	
			US 2006746491	P	20060504	
US 20070198128	A1	20070823	US 2006541479	A	20060929	
			US 2005722935	P	20050930	200757 E
			US 2006745006	P	20060417	
			US 2006746491	P	20060504	
			US 2006541386	A	20060929	
US 20070199108	A1	20070823	US 2005722935	P	20050930	200757 E
			US 2006745006	P	20060417	
			US 2006746491	P	20060504	
			US 2006541422	A	20060929	
WO 2007041295	A8	20071011				200768 E
EP 1941411	A2	20080709	EP 2006815799	A	20060929	200847 E
			WO 2006US38063	A	20060929	
EP 2050544	A1	20090422	EP 2006815799	A	20060929	200929 E
			EP 20091727	A	20060929	
JP 2009509673	W	20090312	WO 2006US38063	A	20060929	200929 E
			JP 2008533659	A	20060929	
US 20090177323	A1	20090709	US 2005722935	P	20050930	200946 E
			US 2006745006	P	20060417	
			US 2006746491	P	20060504	
			US 2006541386	A	20060929	
			US 2008199653	A	20080827	

Priority Applications (no., kind, date): US 2005722935 P 20050930; US 2005722935 P 20050930; US 2006745006 P 20060417; US 2006745006 P 20060417; US 2006746491 P 20060504; US 2006746491 P 20060504; US 2006541386 A 20060929; US 2006541422 A 20060929; US 2006541479 A 20060929; US 2008199653 A 20080827

# Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2007041295	A2	EN	177			
National Designated States, Confirmed: AE AG AL AM AT AU AZ BA BB BG BR BW						
BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HN						
HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA						
MD MG MK MN MW MX MY MZ NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE						
SG SK SL SM SV SY TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW						
Regional Designated States, Confirmed: AT BE BG BW CH CY CZ DE DK EA EE ES						
FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO						
SD SE SI SK SL SZ TR TZ UG ZM ZW						
US 20070192910	A1	EN				Related to Provisional US 2005722935
						Related to Provisional US 2006745006
						Related to Provisional US 2006746491
US 20070198128	A1	EN				Related to Provisional US 2005722935
						Related to Provisional US 2006745006
						Related to Provisional US 2006746491
US 20070199108	A1	EN				Related to Provisional US 2005722935
						Related to Provisional US 2006745006
						Related to Provisional US 2006746491
WO 2007041295	A8	EN				
National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BW						
BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HN						
HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA						
MD MG MK MN MW MX MY MZ NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE						
SG SK SL SM SV SY TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW						
Regional Designated States, Original: AT BE BG BW CH CY CZ DE DK EA EE ES						
FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO						
SD SE SI SK SL SZ TR TZ UG ZM ZW						
EP 1941411	A2	EN				PCT Application WO 2006US38063
						Based on OPI patent WO 2007041295
Regional Designated States, Original: AT BE BG CH CY CZ DE DK EE ES FI FR						
GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR						
EP 2050544	A1	EN				Division of application EP 2006815799
						Division of patent EP 1941411
Regional Designated States, Original: AT BE BG CH CY CZ DE DK EE ES FI FR						
GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR AL BA HR MK RS						
JP 2009509673	W	JA	91			PCT Application WO 2006US38063
						Based on OPI patent WO 2007041295
US 20090177323	A1	EN				Related to Provisional US 2005722935
						Related to Provisional US 2006745006
						Related to Provisional US 2006746491
						Continuation of application US 2006541386

## Alerting Abstract WO A2

NOVELTY - A regimen compliance manager is used for ensuring the compliance of a person with the regimen routine. A person finding routine executable on the processor that instructs the drive to move the robot about what environment and the stop in the position proximate to the person. A scheduler routine is executable on the processor that checks the medication dosage information for medication event and health care related information for regimen event.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. an interaction method of human to robot;
2. and a robot system



USE - For regimen compliance management to assist person with different task.  
 ADVANTAGE - Ensures small and lightweight structure which can be useful  
 throughout the entire room. Ensures compliance of the person with the  
 regimen routine.

Title Terms/Index Terms/Additional Words: ROBOT; REGIMEN; COMPLIANT;  
 MANAGEMENT; MANAGE; ENSURE; PERSON; ROUTINE

#### Class Codes

#### International Classification (+ Attributes)

IPC + Level Value Position Status Version

A61G-0012/00	A	I	L	B	20060101
A61J-0007/00	A	I	F	B	20060101
A61J-0007/04	A	I	L	B	20060101
B25J-0013/00	A	I	F	B	20060101
B25J-0013/00	A	I	L	B	20060101
B25J-0005/00	A	I	L	B	20060101
B25J-0009/00	A	I	F	B	20060101
B25J-0009/00	A	I	L	B	20060101
G05D-0001/02	A	I	L	B	20060101
G06F-0019/00	A	I	F	B	20060101
A61G-0012/00	C	I		B	20060101
A61J-0007/00	C	I	L	B	20060101
A61J-0007/00	C	I		B	20060101
B25J-0013/00	C	I		B	20060101
B25J-0005/00	C	I		B	20060101
B25J-0009/00	C	I	F	B	20060101
B25J-0009/00	C	I		B	20060101
B25J-0009/00	C	I	L	B	20060101
G05D-0001/02	C	I		B	20060101
G05D-0001/02	C	I	L	B	20060101
G06F-0019/00	C	I	F	B	20060101
G06F-0019/00	C	I		B	20060101

ECLA: B25J-005/00W, B25J-009/00D, B25J-013/00, B25J-019/06, G05D-001/02E14D  
 , G05D-001/02E14M, G05D-001/02E6V, G06F-019/00M3F, G06F-019/00M3L,  
 G06F-019/00M3M, G06N-003/00L  
 ICO: S05D-001:02E14B, S05D-001:02E6B, S05D-001:02E6N, S05D-001:02E8  
 US Classification, Current Main: 700-245000, 700-259000; Secondary:  
 901-001000  
 US Classification, Issued: 90117, 700245, 90117, 700259, 9011

#### JP Classification

FI Term	Facet	Rank	Type
A61G-012/00	Z	B	secondary
A61J-007/00	Z	A	main
B25J-013/00	Z	B	secondary
B25J-005/00	A	B	secondary

F-Term	View Point	Additional
Theme	+ Figure	Code

3C007		
4C047		
4C341		
3C007	AS34	
3C007	CS08	
3C007	JS03	
3C007	KS11	
3C007	KS12	

3C007 KT01  
 3C007 KT04  
 4C341 LL30  
 3C007 LV14  
 3C007 MT11  
 4C047 NN20  
 3C007 WA16  
 3C007 WB16  
 3C007 WC06  
 3C007 WC11

File Segment: CPI; EngPI; EPI  
 DWPI Class: B07; T01; P33; P62  
 Manual Codes (EPI/S-X): T01-J06A  
 Manual Codes (CPI/A-M): B11-C11A

10/5/3 (Item 3 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2009 Thomson Reuters. All rts. reserv.  
 0013798706 - Drawing available  
 WPI ACC NO: 2003-898732/200382  
 Related WPI Acc No: 2008-M31964  
 XRPX Acc No: N2003-717239

Graphical user interface for displaying patient medical records, has patient names list, medical facility location information identifying respective patients location, and indication of new clinical data for patient  
 Patent Assignee: FARNSWORTH M (FARN-I); KEATING J (KEAT-I); LAWSON W T (LAWS-I); YING A J (YING-I); MERCURYMD INC (MERC-N)  
 Inventor: FARNSWORTH M; KEATING J; LAWSON W T; YING A J  
 Patent Family (2 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20030179223	A1	20030925	US 2002101577	A	20020320	200382 B
US 7343565	B2	20080311	US 2002101577	A	20020320	200820 E

Priority Applications (no., kind, date): US 2002101577 A 20020320

Patent Details					
Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20030179223	A1	EN	23	22	

Alerting Abstract US A1  
 NOVELTY - The interface has a patient names list displayed within a portion. The displayed name identifies a patient within a medical facility and is responsive to user touching. A medical facility location information identifying a respective patients location is displayed adjacent the respective name. The interface displays an indication adjacent the name that new clinical data for a patient is available by highlighting.

DESCRIPTION - The clinical data stored within a handheld device associated with a patient is displayed upon user touching of the respective displayed patient name. INDEPENDENT CLAIMS are also included for the following:

1.a computer program product for displaying a graphical user interface

within a touch screen display of a handheld device  
2.a method of displaying a graphical user interface within a touch screen display of a handheld device  
3.a data processing system.

USE - Used for displaying patient medical records.

ADVANTAGE - The interface displays medical record information obtained from various sources within handheld devices, thereby the healthcare providers can obtain up-to-date accurate information about patients without having to cull the information from multiple data sources. The healthcare providers can spend more time with patients, which lead to improved patient care and shortened length of stay. The interface decreases medical errors due to illegibility, incompleteness, and poor data availability, and can reduce redundant testing through better order management.

DESCRIPTION OF DRAWINGS - The drawing shows a block diagram that illustrates a data processing system.

10 Data processing system  
12 Central server  
14 Handheld device  
16 Docking stations  
18 Data sources

Title Terms/Index Terms/Additional Words: GRAPHICAL; USER; INTERFACE;  
DISPLAY; PATIENT; MEDICAL; RECORD; NAME; LIST; FACILITY;  
LOCATE; INFORMATION; IDENTIFY; RESPECTIVE; INDICATE; NEW; CLINICAL; DATA

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0019/00 A I R 20060101  
G06F-0003/033 A I R 20060101  
G06F-0003/048 A I F B 20060101  
G06F-0019/00 C I R 20060101  
G06F-0003/033 C I R 20060101  
G06F-0003/048 C I F B 20060101

ECLA: G06F-019/00M3L, G06F-019/00M5P, G06F-003/048A1M, G06F-003/048A3,  
G06F-003/048A3T

ICO: S06F-019:00M3F, S06F-019:00M5S

US Classification, Current Main: 715-702000

US Classification, Issued: 345864, 345702, 715780

File Segment: EngPI; EPI;

DWPI Class: S05; T01; T04; P85

Manual Codes (EPI/S-X): S05-D06; S05-G02G; T01-J06A; T01-J12B; T01-S03; T04-F02A2

10/5/4 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0012706903

\*\*\*\*\*Your case\*\*\*\*\*

WPI ACC NO: 2002-558326/200259

XRPX Acc No: N2002-441967

Method of presenting medical records on a mobile terminal by extracting records from a database and reformatting them for the terminal at which they are accessed using large, ergonomically designed icons

Patent Assignee: CROSS M (CROS-I); LAWSON W T (LAWS-I); MERCURYMD INC (MERC-N); TEAGUE T (TEAG-I); YING A J (YING-I)

Inventor: CROSS M; LAWSON W T; TEAGUE T; YING A J

Patent Family (3 patents, 98 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2002063541	A2	20020815	WO 2002US2043	A	20020122	200259 B
AU 2002247024	A1	20020819	AU 2002247024	A	20020122	200427 E
US 20050065822	A1	20050324	US 2001776484	A	20010202	200526 E

Priority Applications (no., kind, date): US 2001776484 A 20010202

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2002063541	A2	EN	46	10		
National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW						
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW						
AU 2002247024	A1	EN			Based on OPI patent	WO 2002063541

Alerting Abstract WO A2

NOVELTY - The mobile terminal access the reformatted information and provide large, ergonomically designed icons allowing easy transitions between pages of the records. Medical providers can access the information at the bedside.

DESCRIPTION - INDEPENDENT CLAIMS are included for

- 1.a method of presenting information to medical providers by providing each of them with a mobile terminal used to access information
- 2.a method of compiling a medical database by extracting and reformatting records for supply to a mobile terminal
- 3.a system for delivering information to medical providers
- 4.a mobile terminal
- 5.a method of providing medical records to a doctor treating patients
- 6.and a method of maintaining records at a medical facility.

USE - Accessing medical records.

ADVANTAGE - Provides accurate, up to date medical records to a mobile terminal allowing bedside access.

Title Terms/Index Terms/Additional Words: METHOD; PRESENT; MEDICAL; RECORD; MOBILE; TERMINAL; EXTRACT; DATABASE; ACCESS; ERGONOMIC; DESIGN

#### Class Codes

International Classification (Main): G06F-019/00

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0019/00 A I R 20060101

G06F-0019/00 C I R 20060101

ECLA: G06F-019/00M5P

US Classification, Current Main: 705-003000

US Classification, Issued: 7053

File Segment: EPI;

DWPI Class: S05; T01

Manual Codes (EPI/S-X): S05-G02G; T01-J05B3; T01-J05B4P; T01-J06A1; T01-J12D

10/5/5 (Item 1 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
 (c) 2009 WIPO/Thomson. All rts. reserv.  
 01496773 \*\*Image available\*\*  
 COMPANION ROBOT FOR PERSONAL INTERACTION  
 ROBOT COMPAGNON POUR UNE INTERACTION PERSONNELLE  
 Patent Applicant/Assignee:  
 IROBOT CORPORATION, 63 South Avenue, Burlington, MA 01803-4903, US, US  
 (Residence), US (Nationality), (For all designated states except: US)  
 Patent Applicant/Inventor:  
 CROSS Matthew, 355 Merriam Hill Road, Mason, NH 03048, US, US  
 (Residence), US (Nationality), (Designated only for: US)  
 VU Clara, 96 Lexington Avenue, Cambridge, MA 02138, US, US (Residence),  
 US (Nationality), (Designated only for: US)  
 BICKMORE Tim, 79 Cross Lane, Beverly, MA 01915, US, US (Residence), US  
 (Nationality), (Designated only for: US)  
 BOLTON Clive, 4 Spruce Circle, Andover, MA 01810, US, US (Residence), US  
 (Nationality), (Designated only for: US)  
 GOETSCH John, 1003 N. Parmele Street, Leonard, TX 75452, US, US  
 (Residence), US (Nationality), (Designated only for: US)  
 GRUBER Amanda, Somerville, MA, US, US (Residence), US (Nationality),  
 (Designated only for: US)  
 SINGLAIR Ken, 179 Allen Avenue, Newton, MA 02468, US, US (Residence), US  
 (Nationality), (Designated only for: US)  
 WILDE Lorin, Stoneham, MA, US, US (Residence), US (Nationality),  
 (Designated only for: US)  
 WILLISTON Pace, 4 Spruce Road, Medway, MA 02053, US, US (Residence), US  
 (Nationality), (Designated only for: US)  
 CAMPBELL Tony L, Pepperell, MA, US, US (Residence), US (Nationality),  
 (Designated only for: US)  
 Legal Representative:  
 JAGENOW Andrew L et al (agent), GOODWIN PROCTER LLP, Exchange Place,  
 Boston, MA 02109, US  
 Patent and Priority Information (Country, Number, Date):  
 Patent: WO 200741295 A2-A3 20070412 (WO 0741295)  
 Application: WO 2006US38063 20060929 (PCT/WO US2006038063)  
 Priority Application: US 2005722935 20050930; US 2006745006 20060417; US  
 2006746491 20060504  
 Designated States:  
 (All protection types applied unless otherwise stated - for applications  
 2004+)  
 AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
 DZ EC EE EG ES FI GB GD GE GH GM HN HR HU ID IL IN IS JP KE KG KM KN KP  
 KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI NO  
 NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SJ TJ TM TN TR TT TZ  
 UA UG US UZ VV VN ZM ZW  
 (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL  
 PL PT RO SE SI SK TR  
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
 (EA) AM AZ BY KG KZ MD RU TJ TM  
 International Patent Class (v8 + Attributes)  
 IPC + Level Value Position Status Version Action Source Office:  
 G06F-0019/00 A I F B 20060101 H EP  
 B25J-0009/00 A I L B 20060101 H EP  
 A61J-0007/04 A I L B 20060101 H EP

G05D-0001/02      A I L B 20060101      H EP  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
    Detailed Description  
    Claims  
Fulltext Word Count: 46358

#### English Abstract

A mobile robot guest for interacting with a human resident performs a room-traversing search procedure prior to interacting with the resident, and may verbally query whether the resident being sought is present. Upon finding the resident, the mobile robot may facilitate a teleconferencing session with a remote third party, or interact with the resident in a number of ways. For example, the robot may carry on a dialogue with the resident, reinforce compliance with medication or other schedules, etc. In addition, the robot incorporates safety features for preventing collisions with the resident; and the robot may audibly announce and/or visibly indicate its presence in order to avoid becoming a dangerous obstacle. Furthermore, the mobile robot behaves in accordance with an integral privacy policy, such that any sensor recording or transmission must be approved by the resident.

#### French Abstract

L'invention concerne un invite robot mobile destine a interagir avec un resident humain realisant une procedure de recherche de traverssee de piece avant d'interagir avec le resident, et pouvant demander verbalement si le resident recherche est present. Apres avoir trouve le resident, le robot mobile peut permettre de realiser une session de teleconference avec un tiers distant, ou interagir avec le resident d'un certain nombre de manieres. Par exemple, le robot peut entretenir un dialogue avec le resident, contribuer au respect d'une medication ou d'autres programmes, etc. De plus, le robot incorpore des fonctionnalites de securite destinees a empecher des collisions avec le resident ; et le robot peut annoncer distinctement et/ou indiquer visiblement sa presence pour eviter de devenir un obstacle dangereux. En outre, le robot mobile se comporte conformement a une politique de vie privee integrale, de telle sorte que tout enregistrement ou toute transmission du capteur doit etre approuve(e) par le resident.

#### Legal Status (Type, Date, Text)

Publication 20070412 A2 Without international search report and to be republished upon receipt of that report.  
Search Rpt 20070712 Late publication of international search report  
Republication 20070712 A3 With international search report.  
Republication 20070712 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.  
Search Rpt 20070712 Late publication of international search report  
Rev Srch Rpt 20071011 Late publication of revised international search report  
Republication 20071011 A3 With international search report.  
Republication 20071011 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

10/5/6 (Item 2 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
 (c) 2009 WIPO/Thomson. All rts. reserv.  
 00929491 \*\*Image available\*\*  
 METHOD AND SYSTEM FOR EXTRACTING MEDICAL INFORMATION FOR PRESENTATION  
 TO MEDICAL PROVIDERS ON MOBILE TERMINALS  
 PROCEDE ET SYSTEME D'EXTRACTION D'INFORMATIONS MEDICALES A PRESENTER A DES  
 DISPENSATEURS DE SOINS MEDICAUX SUR DES TERMINAUX MOBILES  
 Patent Applicant/Assignee:  
 MERCURYMD INC, 2605 Meridian Parkway, Suite 125, Durham, NC 27713, US, US  
 (Residence), US (Nationality), (For all designated states except: US)  
 Patent Applicant/Inventor:  
 YING Alan J, 9 Forest Oaks Drive, Durham, NC 27705, US, US  
 (Residence), US (Nationality), (Designated only for: US)  
 LAWSON William T, 4218 Ellisfield Drive, Durham, NC 27705, US  
 , US (Residence), US (Nationality), (Designated only for: US)  
 CROSS Matthew, 212 North Duke Street, #206, Durham, NC 27701,  
 US, US (Residence), US (Nationality), (Designated only for: US)  
 TRAGUE Travis, 212 North Duke Street, #206, Durham, NC 27701,  
 US, US (Residence), US (Nationality), (Designated only for: US)  
 Legal Representative:  
 MYERS BIGEL SIBLEY & SAJOVEC (agent), P.O. Box 37428, Raleigh, NC 27627, US,  
 Patent and Priority Information (Country, Number, Date):  
 Patent: WO 200263541 A2-A3 20020815 (WO 0263541)  
 Application: WO 2002US2043 20020122 (PCT/WO US0202043)  
 Priority Application: US 2001776484 20010202  
 Designated States:  
 (Protection type is "patent" unless otherwise stated - for applications  
 prior to 2004)  
 AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
 (EA) AM AZ BY KG KZ MD RU TJ TM  
 Main International Patent Class (v7): G06F-019/00  
 Publication Language: English  
 Filing Language: English  
 Fulltext Availability:  
 Detailed Description  
 Claims  
 Fulltext Word Count: 8901  
 English Abstract  
 A system for providing medical providers with medical records  
 accessible from a mobile terminal in one embodiment comprises  
 reformatting the information in a medical record database to be  
 used with large, ergonomic icons allowing easy transitions between pages  
 of information in the medical records. Docking stations or wireless  
 networks may enable the mobile terminal to access the medical  
 records. Thus, the medical provider may have bedside access to the  
 information in the medical records to make informed decisions about  
 treatment regimens.  
 French Abstract  
 L'invention concerne un systeme qui sert a fournir a des dispensateurs de

soins medicaux des archives medicales accessibles a partir d'un terminal mobile. Dans une forme de realisation, le systeme consiste a reformater les informations recherchees contenues dans une base de donnees d'archives medicales avec de grandes icones ergonomiques permettant de passer facilement d'une page a une autre pendant la consultation des informations contenues dans la base de donnees d'archives medicales. Des stations d'accueil ou reseaux sans fils peuvent permettre au terminal mobile d'accéder aux archives medicales. Ainsi, les dispensateurs de soins medicaux peuvent accéder, au chevet des patients, a des informations contenues dans les archives medicales afin de prendre des decisions eclairees sur les regimes de traitement a appliquer.

Legal Status (Type, Date, Text)

Publication 20020815 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20021227 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20031113 Late publication of international search report  
Replication 20031113 A3 With international search report.

10/5/7 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2009 European Patent Office. All rts. reserv.

01460686

METHOD AND SYSTEM FOR EXTRACTING MEDICAL INFORMATION FOR PRESENTATION TO MEDICAL PROVIDERS ON MOBILE TERMINALS

VERFAHREN UND SYSTEM ZUM EXTRAHIEREN VON MEDIZINISCHEN INFORMATIONEN ZUR DARSTELLUNG AUF MOBILEN ENDGERATEN FUR MEDIZINANBIETER  
PROCEDE ET SYSTEME D'EXTRACTION D'INFORMATIONS MEDICALES A PRESENTER A DES DISPENSATEURS DE SOINS MEDICAUX SUR DES TERMINAUX MOBILES

PATENT ASSIGNEE:

Mercurymd, Inc., (4186260), 2605 Medidian Parkway Suite 125, Durham, NC 27713, (US), (Applicant designated States: all)

INVENTOR:

YING, Alan, J., 9 Forest Oaks Drive, Durham, NC 27705, (US)  
LAWSON, William, T., 4218 Ellisfield Drive, Durham, NC 27705, (US)  
CROSS, Matthew, 212 North Duke Street, 206, Durham, NC 27701, (US)  
TRAGUE, Travis, 212 North Duke Street, 206, Durham, NC 27701, (US)

PATENT (CC, No, Kind, Date):

WO 2002063541 020815

APPLICATION (CC, No, Date): EP 2002714778 020122; WO 2002US2043 020122  
PRIORITY (CC, No, Date): US 776484 010202

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G06F-019/00

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 021009 A2 International application. (Art. 158(1))

Application: 021009 A2 International application entering European phase

Application: 040317 A2 International application. (Art. 158(1))

Appl Changed: 040317 A2 International application not entering European phase

Withdrawal: 040317 A2 Date application deemed withdrawn: 20030903

LANGUAGE (Publication,Procedural,Application): English; English; English



## NPL Files

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 Gale/Cengage

File 474:New York Times Abs 1969-2009/Nov 17  
(c) 2009 The New York Times

File 475:Wall Street Journal Abs 1973-2009/Nov 17  
(c) 2009 The New York Times

File 35:Dissertation Abs Online 1861-2009/Sep  
(c) 2009 ProQuest Info&Learning

File 65:Inside Conferences 1993-2009/Nov 16  
(c) 2009 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Oct  
(c) 2009 The HW Wilson Co.

File 256:TecTrends 1982-2009/Nov W2  
(c) 2009 Info.Sources Inc. All rights res.

File 2:INSPEC 1898-2009/Nov W2  
(c) 2009 The IET

File 155:MEDLINE(R) 1950-2009/Nov 12  
(c) format only 2009 Dialog

File 5:Biosis Previews(R) 1926-2009/Nov W2  
(c) 2009 The Thomson Corporation

File 73:EMBASE 1974-2009/Nov 13  
(c) 2009 Elsevier B.V.

File 34:SciSearch(R) Cited Ref Sci 1990-2009/Nov W2  
(c) 2009 The Thomson Corp

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp

File 610:Business Wire 1999-2009/Nov 17  
(c) 2009 Business Wire.

File 613:PR Newswire 1999-2009/Nov 17  
(c) 2009 PR Newswire Association Inc

File 634:San Jose Mercury Jun 1985-2009/Nov 13  
(c) 2009 San Jose Mercury News

File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

File 20:Dialog Global Reporter 1997-2009/Nov 17  
(c) 2009 Dialog

File 15:ABI/Inform(R) 1971-2009/Nov 16  
(c) 2009 ProQuest Info&Learning

File 624:McGraw-Hill Publications 1985-2009/Nov 16  
(c) 2009 McGraw-Hill Co. Inc

File 9:Business & Industry(R) Jul/1994-2009/Nov 16  
(c) 2009 Gale/Cengage

File 16:Gale Group PROMT(R) 1990-2009/Oct 22  
(c) 2009 Gale/Cengage

File 148:Gale Group Trade & Industry DB 1976-2009/Nov 16  
(c) 2009 Gale/Cengage

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2009/Oct 16  
(c) 2009 Gale/Cengage

File 621:Gale Group New Prod.Annou.(R) 1985-2009/Oct 08  
(c) 2009 Gale/Cengage

File 636:Gale Group Newsletter DB(TM) 1987-2009/Oct 22  
(c) 2009 Gale/Cengage  
File 444:New England Journal of Med. 1985-2009/Nov W2  
(c) 2009 Mass. Med. Soc.  
File 149:TGG Health&Wellness DB(SM) 1976-2009/Oct W3  
(c) 2009 Gale/Cengage

Set	Items	Description
S1	433	AU=( YING A? OR YING, A? OR YING (2N)(A OR ALAN)) OR BY= Y- ING (2N)(A OR ALAN)
S2	2687	AU=( LAWSON W? OR LAWSON, W? OR LAWSON (2N)(W OR WILLIAM)) OR BY= LAWSON (2N)(W OR WILLIAM)
S3	4574	AU=( CROSS M? OR CROSS, M? OR CROSS (2N)(M OR MATTHEW)) OR BY= CROSS (2N)(M OR MATTHEW)
S4	255	AU=( TEAGUE T? OR TEAGUE, T? OR TEAGUE (2N)(T OR TRAVIS)) - OR BY= TEAGUE (2N)(T OR TRAVIS)
S5	0	S1 AND S2 AND S3 AND S4
S6	7949	S1 OR S2 OR S3 OR S4
S7	1404	S6 AND (HEALTH OR HEALTHCARE OR MEDICAL OR PHYSICIAN? OR D- OCTOR? OR HOSPITAL?)
S8	0	LIMITALL IS ON FOR S7
S9	445	TEST OR TESTS OR (PATIENT? OR LAB OR LABORATOR? OR MEDICAL OR HOSPITAL)(5N)(DATA OR INFORMATION OR RESULT? OR RECORD? OR HISTORY OR HISTORIES) OR LABS OR BLOODWORK
S10	111	ACTUAT? OR BUTTON? OR ICON? OR AVATAR? OR LINK OR LINKS OR INTERFACE(3N)(ELEMENT? OR FEATURE?) OR PUSHBUTTON? OR DISC OR DISCS OR HOTLINK? OR KEY OR KEYS
S11	60	S9 AND S10
S12	231	REFERENCE? OR MATERIAL? OR BOOK? OR PUBLICATION? OR TEXT? - OR PERIODICAL? OR JOURNAL? OR PDR
S13	31	S11 AND S12
S14	28	RD (unique items)

No inventor matches in the NPL except possibly the reference below.

13/5/30 (Item 2 from file: 149)  
DIALOG(R)File 149:TGG Health&Wellness DB(SM)  
(c) 2009 Gale/Cengage. All rts. reserv.  
02991741 SUPPLIER NUMBER: 151900211  
Acute sinusitis: which factors do FPs believe are most diagnostic and best  
predict antibiotic efficacy? A questionnaire-and-case-vignette study  
reveals misjudgment of infection and antibiotic overprescribing.  
Williamson, I.; Bengt, S.; Moore, M.; Kumar, S.; Cross, M.; Little, P.  
Journal of Family Practice, 55, 9, 789(8)  
Sept,2006  
PUBLICATION FORMAT: Magazine/Journal ISSN: 0094-3509 LANGUAGE: English  
RECORD TYPE: Fulltext TARGET AUDIENCE: Professional  
WORD COUNT: 4553 LINE COUNT: 00445  
DESCRIPTORS: Antibiotics--Dosage and administration; Physicians--Practice;  
Prescription writing--Management; Sinusitis--Diagnosis; Sinusitis--Drug therapy  
GEOGRAPHIC CODES/NAMES: 1USA United States  
SIC CODES: 8011 Offices & clinics of medical doctors  
EVENT CODES/NAMES: 200 Management dynamics  
PRODUCT/INDUSTRY NAMES: 8011000 (Physicians & Surgeons)  
NAICS CODES: 621111 Offices of Physicians (except Mental Health Specialists)  
FILE SEGMENT: HI File 149

### III. Text Search Results from Dialog

#### A. Patent Files, Abstract

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

File 344:Chinese Patents Abs Jan 1985-2006/Jan

(c) 2006 European Patent Office

File 347:JAPIO Dec 1976-2009/Jul(Updated 091030)

(c) 2009 JPO & JAPIO

File 350:Derwent WPIX 1963-2009/UD=200973

(c) 2009 Thomson Reuters

Set	Items	Description
S1	19935	(ACTUAT? OR BUTTON? OR ICON? OR AVATAR? OR LINK OR LINKS OR INTERFACE(3N) (ELEMENT? OR FEATURE?) OR PUSHBUTTON? OR DISC OR DISCS OR HOTLINK? OR KEY OR KEYS) (5N) (LARGE OR ERGONOMIC? OR BIG OR EASY(2W) (SEE OR USE) OR ADA(5N) (COMPLY? OR COMPIAN?) OR FINGER OR THUMB)
S2	5977734	DISPLAY? OR SCREEN? OR MONITOR? OR VIEW?
S3	759832	(HEALTH OR HEALTHCARE OR MEDICAL OR PHYSICIAN? OR DOCTOR? - OR CLINICAL) (5N) (INFORMATION OR MATERIAL? OR DATA OR BOOK? OR PUBLICATION? OR TEXT? OR PERIODICAL? OR JOURNAL?) OR REFERENC-E?
S4	709792	TEST OR TESTS OR (PATIENT? OR LAB OR LABORATOR? OR MEDICAL OR HOSPITAL) (5N) (DATA OR INFORMATION OR RESULT? OR RECORD? OR HISTORY OR HISTORIES) OR LABS OR BLOODWORK
S5	78131	S4(15N) (INFER? OR RELEVANT OR RELATE? OR RELATING OR PERTI-NENT OR GERMANE OR APPROPRIATE OR APPLICABLE OR ASSOCIATED OR BASED)
S6	90038	(PRIOR OR PREVIOUS OR LAST OR JUST() (ENTERED OR RECEIVED) - OR MOST() RECENT? OR BEFORE OR VIEWED) (5N) (COMMAND? OR INSTRUC-TION? OR DIRECTION? OR ORDER? OR REQUEST? OR ENTRY OR ENTRIES OR INPUT?)
S7	948996	(MOBILE OR PORTABLE OR WIRELESS OR WIFI OR WI()) FI OR HAND? OR CELL? OR PERSONAL OR POCKET) (3N) (TERMINAL? OR DEVICE? OR C-OMPUTER? OR PC?? OR ASSISTANT? OR ORGANI?ER? OR MANAGER? OR P-HONE? OR APPARATUS?) OR CELLPHONE? OR LAPTOP? OR NOTEBOOK? OR PDA? OR BLACKBERR? OR RADIOTELEPHONE?
S8	253	S1 AND S2 AND S3
S9	73	S8 AND S7
S10	0	S9 AND S4 AND S6
S11	2	S9 AND S6
S12	7	S9 AND S4
S13	0	S8 AND S5 AND S6
S14	38	S8 AND (S4 OR S6)
S15	102	S9 OR S14
S16	14	S15 AND IC=(G06F-017/60 OR G06F-0017/60 OR G06F-019/00 OR -G06F-0019/00)
S17	11	S15 AND EC=G06F-019/00M5P
S18	10	S15 AND MC=(S05-G02G OR T01-J05B3 OR T01-J05B4P OR T01-J06-A1 OR T01-J12D)
S19	7	S16 AND S18
S20	15	S16 OR S17 OR S19
S21	9	S20 AND AY=1950:2001

21/5/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014813952

WPI ACC NO: 2005-161641/200517

Related WPI Acc No: 2001-407932; 2003-362099; 2003-730716; 2004-246864;

2006-212130; 2009-J53805; 2009-P54376

Bioinformatics system useful for diagnosing animal health, comprises a satellite laboratory facility electronically inputting a request for a laboratory analysis by a main laboratory

Patent Assignee: DODDS W J (DODD-I); HEMOPET (HEMO-N)

Inventor: DODDS W J

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20050032034	A1	20050210	US 1999419192	A	19991015	200517 B
			US 1999432851	A	19991102	
			US 2003635707	A	20030805	
			US 2004932504	A	20040901	
US 7552039	B2	20090623	US 1999419192	A	19991015	200942 E
			US 1999432851	A	19991102	
			US 2002403203	P	20020812	
			US 2003635707	A	20030805	
			US 2004932504	A	20040901	

Priority Applications (no., kind, date): US 1999419192 A 19991015; US 1999432851 A 19991102; US 2002403203 P 20020812; US 2003635707 A 20030805; US 2004932504 A 20040901

#### Patent Details

Patent Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050032034	A1	EN	39	17	C-I-P of application US 1999419192 C-I-P of application US 1999432851 C-I-P of application US 2003635707 C-I-P of patent US 6287254 C-I-P of patent US 6730023
US 7552039	B2	EN			C-I-P of application US 1999419192 C-I-P of application US 1999432851 Related to Provisional US 2002403203 C-I-P of application US 2003635707 C-I-P of patent US 6287254

#### Alerting Abstract US A1

NOVELTY - A bioinformatics system comprises a satellite laboratory facility electronically inputting a request for a laboratory analysis by a main laboratory, where the request for analysis is electronically transmitted to the main laboratory and the main laboratory coordinates the electronically received input from the satellite facility with physical sub-samples.

USE - For obtaining and electronically delivering diagnosis of health, e.g. assessment of thyroid function of an animal through a combination of computerized data and human interpretation related to the animal. The sample that is analyzed is a blood sample (all claimed). Also useful for inputting, storing and retrieving data related to animal health assessment and genetics.

ADVANTAGE - Provides accurate, timely, fully informative veterinary and diagnostic reports for the patients in a user-friendly manner. Allows

management of comprehensive and cumulative genetic and health  
assessment data and genetic identifier, genomic mapping and genetic  
assessment data in relation to animals.

Title Terms/Index Terms/Additional Words: SYSTEM; USEFUL; DIAGNOSE; ANIMAL;  
HEALTH; COMPRISE; SATELLITE; LABORATORY; FACILITY; ELECTRONIC; INPUT;  
REQUEST; ANALYSE; MAIN

Class Codes

International Classification (Main): G06F-017/60

(Additional/Secondary): C12Q-001/00, G01N-033/48, G01N-033/50, G06F-019/00

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G01N-0033/48	A	I	L	B	20060101
G06G-0007/48	A	I	F	B	20060101
A61B-0005/00	A	N		R	20060101
G06F-0019/00	A	I		R	20060101
A61B-0005/00	C	N		R	20060101
G01N-0033/48	C	I	L	B	20090101
G06F-0019/00	C	I		R	20060101
G06G-0007/00	C	I	F	B	20090101

ECLA: G06F-019/00C9, G06F-019/00M1L, G06F-019/00M3R

ICO: K61B-005/00B, S06F-019/00C3

US Classification, Current Main: 435-004000, 703-011000; Secondary:  
702-019000, 705-003000

US Classification, Issued: 4354, 70219, 7053, 70311, 70219

File Segment: CPI; EPI

DWPI Class: B04; D16; S05; T01

Manual Codes (EPI/S-X): S05-G02G3; T01-J13A; T01-N01E; T01-S03

Manual Codes (CPI/A-M): B04-B04D5; B11-C08; B11-C11; B12-K04A; D05-H09

21/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013523209 - Drawing available

WPI ACC NO: 2003-616328/200358

XRPX Acc No: N2003-490750

Portable medical image storage device, has universal port  
connector coupled to memory device having installer to install viewer  
to memory and relational database to store key information

Patent Assignee: PRASAD V G R (PRAS-I); RADVAULT INC (RADV-N); ROTHSCCHILD

P A (ROTH-I)

Inventor: PRASAD V G R; ROTHSCCHILD P A

Patent Family (3 patents, 98 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20030097351	A1	20030522	US 2001993219	A	20011120	200358 B
WO 2003044715	A1	20030530	WO 2002US36718	A	20021114	200358 E
AU 2002352724	A1	20030610	AU 2002352724	A	20021114	200419 E

Priority Applications (no., kind, date): US 2001993219 A 20011120

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20030097351	A1	EN	11	5		
WO 2003044715	A1	EN				

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BY  
BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN  
YU ZA ZM ZW  
Regional Designated States, Original: AT BE BG CH CY CZ DE DK EA EE ES FI  
FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG  
ZM ZW  
AU 2002352724 A1 EN Based on OPI patent WO 2003044715

#### Alerting Abstract US A1

NOVELTY - The device has a universal port connector coupled to a hand held housing. A memory device coupled to the connector has an installer arranged to install a ~~viewer~~ having a ~~display~~ software to a memory of a computer. A data file storage is arranged to store a ~~data~~ file (27) relating to a ~~patients viewer~~. A relational database (20) is provided to store key information relating to each data file.

DESCRIPTION - An INDEPENDENT CLAIM is also included for a method for adding files to a ~~portable~~ medical image storage ~~device~~.

USE - Used for obtaining copies of ~~medical~~ images or other ~~records~~ relating to ~~medical~~ or healthcare for patients.

ADVANTAGE - The device provides information that can be universally accessible without requirement of special equipment. The device does not require special card readers.

DESCRIPTION OF DRAWINGS - The drawing shows a schematic ~~view~~ of the relational database.

27 Data file

20 Relational database.

Title Terms/Index Terms/Additional Words: PORTABLE; MEDICAL; IMAGE; STORAGE ; DEVICE; UNIVERSAL; PORT; CONNECT; COUPLE; MEMORY; INSTALLATION; ~~VIEW~~; RELATED; DATABASE; KEY; INFORMATION

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0019/00 A I R 20060101

G06F-0019/00 C I R 20060101

ECLA: G06F-019/00M5P1

ICO: S06F-019:00M5I

US Classification, Current Main: 707-001000

US Classification, Issued: 7071

File Segment: EPI;

DWPI Class: S05; T01

Manual Codes (EPI/S-X): S05-G02G1; T01-J05B2A; T01-J05B4B; ~~T01-J06A1~~; T01-L09

21/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013216150 - Drawing available

WPI ACC NO: 2003-300755/200329

XRAM Acc No: C2003-078444

XPX Acc No: N2003-239243

Drug administration ~~display~~ system, useful for identifying and

~~recording~~ drug for administration to ~~patient~~, comprises

~~display~~, storage device, first station, drug ~~monitoring~~ system, and second station

Patent Assignee: DOCUSYS INC (DOCU-N)

Inventor: EVANS R F

Patent Family (5 patents, 100 countries)  
Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2003019185	A1	20030306	WO 2002US28001	A	20020903	200329 B
US 20030065537	A1	20030403	US 2001316568	P	20010831	200330 E
			US 2002233646	A	20020903	
EP 1421378	A1	20040526	EP 2002757556	A	20020903	200435 E
			WO 2002US28001	A	20020903	
AU 2002323567	A1	20030310	AU 2002323567	A	20020903	200452 E
CA 2454370	C	20080219	CA 2454370	A	20020903	200816 E
			WO 2002US28001	A	20020903	

Priority Applications (no., kind, date): US 2001316568 P 20010831; US  
2002233646 A 20020903

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 2003019185	A1	EN	38	11		
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National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY  
BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC  
VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG CH CY CZ DE DK EA EE ES FI  
FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG  
ZM ZW

US 20030065537	A1	EN			Related to Provisional	US 2001316568
EP 1421378	A1	EN			PCT Application	WO 2002US28001

Based on OPI patent WO 2003019185

Regional Designated States,Original: AL AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

AU 2002323567	A1	EN			Based on OPI patent	WO 2003019185
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CA 2454370	C	EN			PCT Application	WO 2002US28001
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Based on OPI patent WO 2003019185

Alerting Abstract WO A1

NOVELTY - A drug administration display system comprises:

- 1.a display (114);
- 2.a storage device (122) for entering drug data for storage;
- 3.a first station;
- 4.a drug monitoring system (124); and
- 5.a second station for accessing the drug data in the storage device.

DESCRIPTION - A drug administration display system, comprises:

- 1.a display;
- 2.a storage device for storing drug data;
- 3.a first station for entering drug data for storage;
- 4.a drug monitoring system for monitoring drug administration; and
- 5.a second station for accessing the drug data in the storage device in response to the drug monitoring system for displaying on the display an icon (100) including indicia identifying the administered drug.

USE - The system is used for identifying and recording a drug for administration to a patient (claimed).

ADVANTAGE - The system improves the quality of the information transmitted to the physician or other health care professionals, thus reducing human errors while administering drugs to patients.

DESCRIPTION OF DRAWINGS - The figure shows a diagrammatic illustration of the drug administration display system.

100Icon  
118Pharmacy workstation  
120Anesthesia workstation  
122Storage device  
124Drug monitoring system

Title Terms/Index Terms/Additional Words: DRUG; ADMINISTER; DISPLAY; SYSTEM; USEFUL; IDENTIFY; RECORD; PATIENT; COMPRISE; STORAGE; DEVICE; FIRST; STATION; MONITOR; SECOND

#### Class Codes

International Classification (Main): G01N-033/48, G06F-017/60  
(Additional/Secondary): G06K-009/62, G07F-011/00, G09G-005/00  
International Classification (+ Attributes)

IPC + Level Value Position Status Version

A61J-0007/00	A	I	L	B	20060101
G06F-0019/00	A	I	F	B	20060101
G06F-0019/00	A	I	R		20060101
G06F-0003/14	A	I	L	B	20060101
G07F-0009/02	A	I	R		20060101
A61J-0007/00	C	I	L	B	20060101
G06F-0019/00	C	I	F	B	20060101
G06F-0019/00	C	I	R		20060101
G06F-0003/14	C	I	L	B	20060101
G07F-0009/02	C	I	R		20060101

ECLA: G06F-019/00M3C, G06F-019/00M3M, G06F-019/00M3S,  
G06F-019/00M5R3, G07F-009/02

ICO: S06F-019:00M5R3

US Classification, Current Main: 705-002000; Secondary: 715-810000

US Classification, Issued: 345810, 7052

File Segment: CPI; EPI

DWPI Class: B07; S03; S05; T01

Manual Codes (EPI/S-X): S03-E14H; S05-M01; S05-M02; T01-J06A

Manual Codes (CPI/A-M): B11-C06; B11-C09

21/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012649968 - Drawing available

WPI ACC NO: 2002-499355/200253

Related WPI Acc No: 2002-204311

XRFX Acc No: N2002-395348

Hand-held medical log for diagnosis of diseases, chronic disorders, uses three sets of icons representing bodily conditions, bodily locations and control operations of log

Patent Assignee: JUNG RICHARDSON D L (RICH-I)

Inventor: JUNG RICHARDSON D L

Patent Family (1 patents, 1 countries)

Patent Application



Number	Kind	Date	Number	Kind	Date	Update
US 20020052763	A1	20020502	US 1998122464	A	19980724	200253 B
			US 2001942438	A	20010829	

Priority Applications (no., kind, date): US 1998122464 A 19980724; US 2001942438 A 20010829

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020052763	A1	EN	14	8	Continuation of application US 1998122464

#### Alerting Abstract US A1

NOVELTY - The medical log has three sets of icons each representing different bodily conditions, locations and control operations of medical log (10) respectively. A microcontroller stores the time corresponding to the entry, of the bodily condition icon and bodily location icon into the medical log.

USE - For diagnosis of diseases, chronic disorders etc., including sharp pain, rashes, swelling, throbbing, bleeding, itching, tingling, cough, tired, headache, loss of appetite, diarrhea, fever, running nose, vomiting, urinary pain, constipation, etc.

ADVANTAGE - The medical log is hand-held and hence it is easy to use. The medical log is icon driven and can be used by the elderly, children, the sick, the incapacitated and those with minimal computer skills. Entries into the log can be made at pre-scheduled times, each day. An accurate log including date and time is obtained.

DESCRIPTION OF DRAWINGS - The figure shows the icon-driven data entry system and data output display of the medical log.

10 Medical log

Title Terms/Index Terms/Additional Words: HAND; HELD; MEDICAL; LOG; DIAGNOSE; DISEASE; CHRONIC; DISORDER; THREE; SET; REPRESENT; BODY; CONDITION; LOCATE; CONTROL; OPERATE

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

A61B-0005/00 A I R 20060101

G06F-0019/00 A I R 20060101

A61B-0005/00 C I R 20060101

G06F-0019/00 C I R 20060101

ECLA: A61B-0005/00B, G06F-019/00M3T, G06F-019/00M5F

US Classification, Current Main: 705-003000; Secondary: 705-002000

US Classification, Issued: 7053, 7052

File Segment: EPI;

DWPI Class: S05; T01

Manual Codes (EPI/S-X): S05-D06; S05-G02G1; T01-J06A1; T01-M06A1A

21/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012264126 - Drawing available

WPI ACC NO: 2002-204311/200226

Related WPI Acc No: 2002-499355

XRPX Acc No: N2002-155358

Electronic portable medical log apparatus use by patients,  
stores selected icons, indicating ailment variety and different location of  
body, along with information about time of occurrence of ailment, to a memory  
Patent Assignee: RICHARDSON D L J (RICH-I)

Inventor: RICHARDSON D L J

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6314405	B1	20011106	US 1998122464	A	19980724	200226 B

Priority Applications (no., kind, date): US 1998122464 A 19980724

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6314405	B1	EN	13	8		

Alerting Abstract US B1

NOVELTY - A selector circuit selects a pair of icons (12c,12b), which indicate ailment variety and different location on a body, respectively. The selected icons are stored, in a memory, along with time information indicating a specific time during which the patient experienced selected ailment on selected location.

USE - For use by elderly patients, children and caretakers.

ADVANTAGE - Enables simple and effective usage of the log apparatus even by persons with less computer skills. Also enables the doctor to know the condition of the patients, accurately.

DESCRIPTION OF DRAWINGS - The figure shows the icon driven data entry system and output data display of medical log.

12b,12c Icons

Title Terms/Index Terms/Additional Words: ELECTRONIC; PORTABLE; MEDICAL;  
LOG; APPARATUS; PATIENT; STORAGE; SELECT; INDICATE; AILMENT; VARIETY;  
LOCATE; BODY; INFORMATION; TIME; OCCUR; MEMORY

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

A61B-0005/00 A I R 20060101

G06F-0019/00 A I R 20060101

A61B-0005/00 C I R 20060101

G06F-0019/00 C I R 20060101

ECLA: A61B-0005/00B, G06F-019/00M3T, G06F-019/00M5P

US Classification, Current Main: 705-003000; Secondary: 600-300000,  
600-301000, 705-002000

US Classification, Issued: 7053, 7052, 600300, 600301

File Segment: EPI;

DWPI Class: S05; T01

Manual Codes (EPI/S-X): S05-D06; S05-G02B2A; S05-G02G1; T01-J05B2;

T01-J06A1; T01-J12B; T01-M06A1A

21/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010881864 - Drawing available

WPI ACC NO: 2001-501833/200155

Related WPI Acc No: 2000-181465

XRPX Acc No: N2001-372139

Computer searchable database creation for medical diagnosis, compares input and master map associated keywords to determine and **display** condition or events which have highest degree of similarity with narrative input  
Patent Assignee: MOUKHEIBIR N W (MOUK-I)

Inventor: MOUKHEIBIR N W

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6247004	B1	20010612	US 1997912718	A	19970818	200155 B
			US 1999378440	A	19990820	

Priority Applications (no., kind, date): US 1997912718 A 19970818; US 1999378440 A 19990820

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6247004	B1	EN	26	14	Continuation of application US 1997912718 Continuation of patent US 6021404

Alerting Abstract US B1

NOVELTY - Keywords describing characteristic features of each event are determined, using which master map is created and database containing the master maps is formed which are accessed by user to provide narrative. The computer processor compares user input keyword with keywords associated with each master map and **displays** conditions or events represented by master map which has highest degree of similarity with narrative input, in **display** unit.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.Event diagnosing method;
- 2.Medical conditions diagnosis facilitating method;
- 3.Medical information providing method

USE - For use in medical diagnosis including both humans and veterinary, biological sciences, geology, automobile repair.

ADVANTAGE - Highly effective medical differential diagnosis is provided, which contains a great deal of worthwhile **information** providing ready access to the information. The database provides a new language/grammar to allow computer assisted diagnosis in many arts.

DESCRIPTION OF DRAWINGS - The figure shows the high level flow chart depicting computer assisted diagnosis.

Title Terms/Index Terms/Additional Words: COMPUTER; SEARCH; DATABASE; CREATION; MEDICAL; DIAGNOSE; COMPARE; INPUT; MASTER; MAP; ASSOCIATE; KEYWORD; DETERMINE; **DISPLAY**; CONDITION; EVENT; HIGH; DEGREE; SIMILAR

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0019/00 A I R 20060101

G06F-0019/00 C I R 20060101

ECLA: G06F-019/00MSR

ICO: S06F-019:00M3L

US Classification, Current Main: 706-046000; Secondary: 600-300000, 706-045000, 706-047000

US Classification, Issued: 70646, 70645, 70647, 600300

File Segment: EPI;  
DWPI Class: T01  
Manual Codes (EPI/S-X): T01-C02A1; T01-J05B2; T01-J05B3;  
T01-J06A1; T01-J11A1; T01-J12B1

21/5/7 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0010353039 - Drawing available  
WPI ACC NO: 2000-668643/200065  
XRPX Acc No: N2000-495670  
Electronic chart system for exchanging information between  
medical employees, has edit information processor which performs preset processing of  
multimedia information based on setup search conditions  
Patent Assignee: HITACHI LTD (HITA)  
Inventor: MATSUO H; SASAKI H; SETO K  
Patent Family (1 patents, 1 countries)  
Patent Application  
Number Kind Date Number Kind Date Update  
JP 2000276538 A 20001006 JP 199979091 A 19990324 200065 B

Priority Applications (no., kind, date): JP 199979091 A 19990324

Patent Details  
Number Kind Lan Pg Dwg Filing Notes  
JP 2000276538 A JA 6 8

#### Alerting Abstract JP A

NOVELTY - An edit information setting unit (120), sets up edit information containing search conditions of medical examination information required for mutual communication. A communication unit (121) receives and transmits the edit information. An edit information processor (122) performs predetermined process based on set edit information.

DESCRIPTION - The edit information includes messages, such as audio and moving image. A communication information recording unit records communication condition such as unread confirmation.

USE - Electronic charge system for communication and exchanging information about in-patient between employees such as doctor, nurse, pharmacist, dietitian, inspection engineer, in conference.

ADVANTAGE - Transmitting and receiving of edit information on clinical recording, prevents large capacity requirement in disc by wasteful appending file and response. Troublesome screen operation of receiving side is reduced, hence communication is performed between medical employees, efficiently. The team medical care is practiced easily, hence quality of practice is raised.

DESCRIPTION OF DRAWINGS - The figure shows the system block diagram of electronic chart system.

- 120 Edit information setting unit
- 121 Communication unit
- 122 Edit information processor

Title Terms/Index Terms/Additional Words: ELECTRONIC; CHART; SYSTEM;  
EXCHANGE; INFORMATION; MEDICAL; EMPLOY; EDIT; PROCESSOR; PERFORMANCE;  
PRESET; PROCESS; BASED; SEARCH; CONDITION

Class Codes  
 International Classification (+ Attributes)  
 IPC + Level Value Position Status Version  
 G06F-0013/00 A I F R 20060101  
~~G06F-0019/00~~ A I L R 20060101  
 G06Q-0050/00 A I L R 20060101  
 G06F-0013/00 C I F R 20060101  
~~G06F-0019/00~~ C I L R 20060101  
 G06Q-0050/00 C I L R 20060101

JP Classification  
 FI Term Facet Rank Type  
 G06F-013/00 351 G  
 G06F-015/21 360  
 G06F-015/42 H  
 G06F-017/60 126 K

F-Term	View Point	Additional		
Theme	+ Figure	Code		
5B049			5B049	FF06
5B089			5B049	FF09
5L099			5B089	GA11
5B049	AA01		5B089	GA21
5B049	BB42		5B089	GB04
5B049	CC02		5B049	GG04
5B049	DD01		5B049	GG06
5B049	DD05		5B049	GG07
5B049	EE05		5B089	HA01
5B049	EE07		5B089	JA31
5B049	FF03		5B089	LB04
5B049	FF04		5B089	LB14

File Segment: EPI;  
 DWPI Class: T01  
 Manual Codes (EPI/S-X): T01-H07C1; T01-J05A

21/5/8 (Item 8 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2009 Thomson Reuters. All rts. reserv.  
 0009884379 - Drawing available  
 WPI ACC NO: 2000-181465/200016  
 Related WPI Acc No: 2001-501833  
 XRPX Acc No: N2000-133889  
 Computer searchable database production method for computer used in  
 diagnosis of human body organ  
 Patent Assignee: MOUKHEIBIR N W (MOUK-I)  
 Inventor: MOUKHEIBIR N W  
 Patent Family (1 patents, 1 countries)  
 Patent Application  

Number	Kind	Date	Number	Kind	Date	Update
US 6021404	A	20000201	US 1997912718	A	19970818	200016 B

Priority Applications (no., kind, date): US 1997912718 A 19970818

Patent Details  

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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## Alerting Abstract US A

NOVELTY - Master maps are built using a diagnostic mapping language (DML). Each master map corresponds to a particular disease or a medical condition. Each master map will have the name of the disease and the DML text associated with the disease. The DML text is written by a specialist. The name of the disease and the DML text are converted into a computer language by a programmer.

DESCRIPTION - DML principles are used to translate texts into a form that can be utilized effectively to facilitate diagnosis. The DML uses a main word, a descriptor, and a complement. The main word is a word that describes the most important feature of a sentence. The descriptor is a word that further describes the main word. The complement is a word that further describes the descriptor by adding a qualification. The main word, the descriptor, and the complement including phrases are key words that are part of a particular nomenclature or jargon that is used by those working as nephrologists.

An INDEPENDENT CLAIM is also included for a condition diagnosing method. USE - For computer used in diagnosis of human body organ.

ADVANTAGE - Provides effective computer-aided methodology for diagnosis of all types of human medical conditions and diseases. Provides practicing specialist or other physician with detailed information about the diagnosis.

DESCRIPTION OF DRAWINGS - The figure shows a general indicating the major functional components of a system.

Title Terms/Index Terms/Additional Words: COMPUTER; SEARCH; DATABASE; PRODUCE; METHOD; DIAGNOSE; HUMAN; BODY; ORGAN

## Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0019/00 A I R 20060101

G06F-0019/00 C I R 20060101

ECLA: G06F-019/00M5R

ICO: S06F-019:00M3L

US Classification, Issued: 70646, 70645, 70647

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B3; T01-J05B4P; T01-J06A1

21/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0008126607 - Drawing available

WPI ACC NO: 1997-225914/199720

XRFX Acc No: N1997-186931

Medical teleconferencing for supplying information on medication scheduling - passes information on customised instructions concerning medication, procedures or visits from central station to patient station where they are stored

Patent Assignee: TEVITAL INC (TEVI-N)

Inventor: BELLER A S; COLOMBO J; FABIAN F; HRIBAR A J; MOCENTER M E; WARNER I K

Patent Family (2 patents, 18 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1997012544	A1	19970410	WO 1996US16001	A	19961004	199720 B
US 5961446	A	19991005	US 19954882	P	19951006	199948 E
			US 1996691507	A	19960802	

Priority Applications (no., kind, date): US 19954882 P 19951006; US 1996691507 A 19960802

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1997012544	A1	EN	34	16		
Regional Designated States, Original: AT BE CH DE DK ES FI FR GB GR IE IT						
LU MC NL PT SE						
US 5961446	A	EN			Related to Provisional	US 19954882

#### Alerting Abstract WO A1

The method of medical teleconferencing involves displaying several notations on a video screen. One of the notations corresponds to a medication schedule. Several buttons next to the screen correspond to the notations. A function of each button is determined by the respective notation. The medication schedule is selected by activating one of the buttons corresponding to it. A schedule of events relating to the medication schedule of a patient is displayed. The medication schedule is transmitted from a central station to a patient station across a communications link. The schedule is then stored at the patient station.

USE/ADVANTAGE - For reminding patient to take medication. For monitoring patient. Explains medical procedures and educates patient. Easy to operate due to presentation of data. Customised to individual patients.

Title Terms/Index Terms/Additional Words: MEDICAL; TELECONFERENCE; SUPPLY; INFORMATION; MEDICATE; SCHEDULE; PASS; CUSTOMISATION; INSTRUCTION; PROCEDURE; CENTRAL; STATION; PATIENT; STORAGE

#### Class Codes

##### International Classification (+ Attributes)

##### IPC + Level Value Position Status Version

G06F-0019/00	A	I	R	20060101
H04N-0007/14	A	I	R	20060101
H04N-0007/15	A	I	R	20060101
G06F-0019/00	C	I	R	20060101
H04N-0007/14	C	I	R	20060101
H04N-0007/15	C	I	R	20060101

ECLA: G06F-019/00M3F, G06F-019/00M3M, H04N-007/14A3, H04N-007/15

US Classification, Current Main: 600-300000; Secondary: 128-904000, 348-E07081, 348-E07083, 600-301000

US Classification, Issued: 600300, 600301, 128904

File Segment: EngPI; EPI;

DWPI Class: S05; T01; W01; W02; P31

Manual Codes (EPI/S-X): S05-D06; S05-G02G; S05-M02; T01-H07C3B;

T01-J06A1; W01-C02B1; W01-C05B1E; W02-F08A1; W02-F08B1

## B. Patent Files, Full-Text

File 349:PCT FULLTEXT 1979-2009/UB=20091112|UT=20091105

(c) 2009 WIPO/Thomson

File 348:EUROPEAN PATENTS 1978-200946

(c) 2009 European Patent Office

Set	Items	Description
S1	28378	(ACTUAT? OR BUTTON? OR ICON? OR AVATAR? OR LINK OR LINKS OR INTERFACE(3N) (ELEMENT? OR FEATURE?) OR PUSHBUTTON? OR DISC OR DISCS OR HOTLINK? OR KEY OR KEYS) (5N) (LARGE OR ERGONOMIC? OR BIG OR EASY(2W) (SEE OR USE) OR ADA(5N) (COMPLY? OR COMPIAN?) OR FINGER OR THUMB)
S2	1833458	DISPLAY? OR SCREEN? OR MONITOR? OR VIEW?
S3	1880190	(HEALTH OR HEALTHCARE OR MEDICAL OR PHYSICIAN? OR DOCTOR? - OR CLINICAL) (5N) (INFORMATION OR MATERIAL? OR DATA OR BOOK? OR PUBLICATION? OR TEXT? OR PERIODICAL? OR JOURNAL?) OR REFERENC-E?
S4	721104	TEST OR TESTS OR (PATIENT? OR LAB OR LABORATOR? OR MEDICAL OR HOSPITAL) (5N) (DATA OR INFORMATION OR RESULT? OR RECORD? OR HISTORY OR HISTORIES) OR LABS OR BLOODWORK
S5	143143	S4(15N) (INFER? OR RELEVANT OR RELATE? OR RELATING OR PERTI-NENT OR GERMANE OR APPROPRIATE OR APPLICABLE OR ASSOCIATED OR BASED)
S6	478873	(PRIOR OR PREVIOUS OR LAST OR JUST() (ENTERED OR RECEIVED) - OR MOST() RECENT? OR BEFORE OR VIEWED) (5N) (COMMAND? OR INSTRUC-TION? OR DIRECTION? OR ORDER? OR REQUEST? OR ENTRY OR ENTRIES OR INPUT?)
S7	485627	(MOBILE OR PORTABLE OR WIRELESS OR WIFI OR WI() FI OR HAND? OR CELL? OR PERSONAL OR POCKET) (3N) (TERMINAL? OR DEVICE? OR C-OMPUTER? OR PC?? OR ASSISTANT? OR ORGANIZER? OR MANAGER? OR P-HONE? OR APPARATUS?) OR CELLPHONE? OR LAPTOP? OR NOTEBOOK? OR PDA? OR BLACKBERR? OR RADIOTELEPHONE?
S8	612	S1(S)S2(S)S3
S9	149	S8(S)S7
S10	12	S9(S)S5(S)S6
S11	35	S9 AND S5 AND S6
S12	51	S9 AND S4 AND S6
S13	8	S12 AND IC=(G06F-017/60 OR G06F-0017/60 OR G06F-019/00 OR - G06F-0019/00)
S14	107	S8(S) (S4 OR S6)
S15	15	S14 AND IC=(G06F-017/60 OR G06F-0017/60 OR G06F-019/00 OR - G06F-0019/00)
S16	10	S9 AND IC=(G06F-017/60 OR G06F-0017/60 OR G06F-019/00 OR G-06F-0019/00)
S17	16	S13 OR S15 OR S16
S18	12	S17 AND AY=1950:2001
S19	31	S8 AND IC=(G06F-017/60 OR G06F-0017/60 OR G06F-019/00 OR G-06F-0019/00)
S20	25	S19 AND AY=1950:2001
S21	13	S20 NOT S18

18/3,K/1 (Item 1 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
 (c) 2009 WIPO/Thomson. All rts. reserv.



01014785      \*\*Image available\*\*  
 PORTABLE PERSONAL MEDICAL IMAGE STORAGE DEVICE  
 DISPOSITIF PERSONNEL PORTABLE DE STOCKAGE D'IMAGES MEDICALES  
 Patent Applicant/Assignee:  
     RADVAULT INC, Suite 4, 3541 Investment Blvd., Hayward, CA 94545, US, US  
     (Residence), US (Nationality)  
 Inventor(s):  
     ROTHSCCHILD Peter A, 901 Governors Bay Drive, Redwood City, CA 94065, US,  
     PRASAD Vijendra Guru Raaj, 38295 Logan Drive, Fremont, CA 94536, US,  
 Legal Representative:  
     SCHMITT Susan M (et al) (agent), Peters, Verny, Jones & Schmitt LLP, 385  
     Sherman Avenue, Suite 6, Palo Alto, CA 94306, US,  
 Patent and Priority Information (Country, Number, Date):  
     Patent:                      WO 200344715 A1 20030530 (WO 0344715)  
     Application:                WO 2002US36718 20021114 (PCT/WO US0236718)  
     Priority Application: US 2001993219 20011120  
 Designated States:  
 (Protection type is "patent" unless otherwise stated - for applications  
 prior to 2004)  
 AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
 SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
 (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
 (EA) AM AZ BY KG KZ MD RU TJ TM  
 Publication Language: English  
 Filing Language: English  
 Fulltext Word Count: 4600  
 Main International Patent Class (v7): G06F-017/60  
 Fulltext Availability:  
     Detailed Description  
     Claims

#### English Abstract

A portable device (10) is provided to be carried e.g. by an individual or a family member, that contains medical history and medical image files (14) including, among other things, medical data, images, reports, and other patient information. The device is small and in one embodiment comprises a key chain (13) or thumb-sized device. The device (13) includes an installer (16) with viewing software (17) that can be installed though a universal port (12) on to any viewing device such as a PC (40). The viewing software (17) also allows addition and removal of data files to and from the portable device (10), and incorporation of the data files into a relational database (20) on the portable device (10).

18/3,K/2      (Item 2 from file: 349)      \*\*\*\*\*Your case\*\*\*\*\*  
 DIALOG(R)File 349:PCT FULLTEXT  
 (c) 2009 WIPO/Thomson. All rts. reserv.  
 00929491      \*\*Image available\*\*

METHOD AND SYSTEM FOR EXTRACTING MEDICAL INFORMATION FOR  
PRESENTATION TO MEDICAL PROVIDERS ON MOBILE TERMINALS  
PROCEDURE ET SYSTEME D'EXTRACTION D'INFORMATIONS MEDICALES A PRESENTER A DES  
DISPENSATEURS DE SOINS MEDICAUX SUR DES TERMINAUX MOBILES

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)

CROSS Matthew, 212 North Duke Street, #206, Durham, NC 27701, US, US  
(Residence), US (Nationality), (Designated only for: US)

TEAGUE Travis, 212 North Duke Street, #206, Durham, NC 27701, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

MYERS BIGEL SIBLEY & SAJOVEC (agent), P.O. Box 37428, Raleigh, NC 27627,  
US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200263541 A2-A3 20020815 (WO 0263541)

Application: WO 2002US2043 20020122 (PCT/WO US0202043)

Priority Application: US 2001776484 20010202

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8901

METHOD AND SYSTEM FOR EXTRACTING MEDICAL INFORMATION FOR  
PRESENTATION TO MEDICAL PROVIDERS ON MOBILE TERMINALS

Main International Patent Class (v7): G06F-019/00

Fulltext Availability:

Detailed Description  
Claims

English Abstract

A system for providing medical providers with medical  
records accessible from a mobile terminal in one embodiment  
comprises reformatting the information in a medical  
record database to be used with large, ergonomic icons allowing  
easy transitions between pages of information in the medical  
records. Docking stations or wireless networks may enable the  
mobile terminal to access the medical records. Thus, the  
medical provider may have bedside access to the information  
in the medical records to make informed decisions about  
treatment regimens.

18/3,K/3 (Item 3 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
 (c) 2009 WIPO/Thomson. All rts. reserv.  
 00889260 \*\*Image available\*\*  
 SYSTEM FOR CARD-BASED SERVICE ACCESS  
 SYSTEME D'ACCES AUX SERVICES PAR CARTE  
 Patent Applicant/Assignee:  
 CANON KABUSHIKI KAISHA, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146, JP  
 , JP (Residence), JP (Nationality), (For all designated states except: US)  
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 SMEALLIE Robert, 16 Cypress Street, Normanhurst, NSW 2076, AU, AU  
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 SIMPSON-YOUNG William, 118 Balacalva Road, Eastwood, NSW 2122, AU, AU  
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 (Residence), AU (Nationality), (Designated only for: US)  
 YOURLO Zhenya Alexander, 99 Abingdon Road, Roseville, NSW 2069, AU, AU  
 (Residence), AU (Nationality), (Designated only for: US)  
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 SPRUSON & FERGUSON (agent), GPO Box 3898, Sydney, NSW 2001, AU,  
 Patent and Priority Information (Country, Number, Date):  
 Patent: WO 200223411 A1 20020321 (WO 0223411)  
 Application: WO 2001AU1145 20010912 (PCT/WO AU0101145)  
 Priority Application: AU 200073 20000912; AU 20015593 20010608  
 Designated States:  
 (Protection type is "patent" unless otherwise stated - for applications  
 prior to 2004)  
 AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
 SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
 (EA) AM AZ BY KG KZ MD RU TJ TM  
 Publication Language: English  
 Filing Language: English  
 Fulltext Word Count: 47894  
 Main International Patent Class (v7): G06F-017/60  
 Fulltext Availability:  
 Detailed Description  
 Claims

#### Claim

... may be altered for mass production. A monitormode programming model is preferred in the microcontroller and an embedded programing jig for production can be used. Test points for programming signals can be provided to allow for production ISP. If the firmware is mask programmed into the microcontroller 44 then device programming...that each -133 application has told the launcher 4910 that it can perform as well as the descriptive string the application provided. This list is order with the

most recent application listed first. (iv) The sending application #1 looks to see if there is a suitable recipient for the data. If there is not, then...meshed card ordering -in a service group permits cards for a set of applications to be inserted and used in any order.

Example B: Pizza Ordering Service

- 136 With a prior art pizza ordering application, a number of choices for pizza type are presented (such as vegetarian, supreme and meat lovers), but no functionality is provided for customisation of...

...means that a slideshow function would cycle through the photographs corresponding to both cards. Each card would also have buttons for adding a particular photograph reference to the service group clipboard for user with another application in the Photo Lab service group, and the application would also provide a function returning a reference to the photograph currently being viewed. -138 The T-Shirt printer application provides the ability to either instantly print a T-Shirt transfer using the most recently viewed photograph (a reference to which is obtained from the Film application), or to compose a T-Shirt transfer from the set of photos residing on the clipboard. As part of a simple photo editing service, the Photo Enhancer application operates on the most recently viewed photograph (obtained either from ...top box and the balance of all processes from one or more remote server computers. Conversely, with a smart set-top box or home-style personal computer, all processes may be operated from within the one piece of hardware, excepting for where external communications via the network 220 is essential. The architecture...

18/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00864536 \*\*Image available\*\*

SYSTEM FOR MAINTENANCE AND MANAGEMENT OF HEALTH

SYSTEME D'ENTRETIEN ET DE GESTION DE LA SANTE

Patent Applicant/Inventor:

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, CH (Nationality)

MINDERMANN Fredrick J, 9401 Glen Ridge Drive, Brentwood, TN 37027, US, US  
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Legal Representative:

SPIERENBURG Pieter (agent), Spierenburg Helmle-Kolb & Partner AG,  
Mellingerstrasse 12, CH-5443 Niederrohrdorf, CH,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200197686 A1 20011227 (WO 0197686)

Application: WO 2001IB1110 20010622 (PCT/WO IB0101110)

Priority Application: WO 2000IB838 20000622

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KC LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4005

International Patent Class (v7): G06F-019/00

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... an object of the invention is a system for the maintenance and management of health which permits an easy and complete access to all important data of the patient to be treated.

This object of the invention is accomplished by a system with the features of Claim 1 .

The main advantage of the system...

...OF ILLUSTRATIVE EMBODIMENTS

In the following description we define as 'Patients', 'Individuals' and 'Units' the individuals and the large number of distributed entities to be monitored, managed and maintained. They all have as a main property their 'Condition', defined by the physiological data and measured through different parameters. We call 'Walk-ins' the devices, doctor's offices and labs, that measure and collect the 'Condition' data from the 'Patients' by 'Sensors' and feed the measured data into the management system. We call 'Managers' the programs and 'Supervisors' and 'Caregivers' the persons who are in charge of the 'Condition' monitoring, like doctors, first-aid men and emergency services, which react on 'Events' defined as alarms, problems and the like. We call 'Resources' all the man...

...telephone as communication net as backbone to the distributed peripheral entities. The system kernel consists of several large databases 1 1 containing all the relevant data of all Patients and Resources : A 'Personal Medical Web Site' contains the data in form of an EMR ('Electronic Medical Record') which is stored in a Condition Log in one of the databases 1 1. At the other hand the access to the EMR can be...

...ISO certified standards. The 'Personal Health Plan' keeps the overall picture of all the service efforts done and the resulting Condition, summarized into an integral history of the Patient's health. Transitions in his 'medical life', by going to the hospital, being released to a nursing home, moving to another area and another family doctor, changing job and health insurance, etc. can be managed without transferring the patients data in a old-fashioned, cumbersome way. In the MTMM system the 'Mobile Patient' can really leave home 'without it' and access his 'Private Patient Web site' and his 'Personal Health Plan' from any place in this world, while still being monitored, supervised and assisted like in his home town. Service Manager Module...

...the open architecture of Internet, telephone and the so called 'RF-Piconet', which finally enables a full integration of all types of peripherals via the easy to use, omnipresent telephone link, by wire and wireless. The telephones, mainly the new mobile phones (also built into other devices, like watches, palm PC's), shall become the favorites in personal medical condition monitoring. Installing and assigning new peripherals is easy: New users get their phone with a world-wide private number (= device address). They can use it where ever they are and what ever telecom company's infrastructure they are based on. The new mobile phones have become real Internet terminals, with which huge amounts of information can be downloaded and displayed, if necessary. They are used in the IVITMM system as hubs for the very small network of different intelligent Sensors on the Patients body and...telephone 41 with its display 42 and special display control buttons 44, its numeric keypad 45 in order to type in values from stand-alone tests, speaker and microphone for voice output and input 46. The mobile telephone 41 communicates with any server on the Internet and its built-in RF...

18/3,K/9 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01930027

Secure transaction management

Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung

Procede et dispositif de gestion de transactions securisees

PATENT ASSIGNEE:

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LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis (28273), BERESFORD & Co. 16 High Holborn, London WC1V 6BX, (GB)

PATENT (CC, No, Kind, Date): EP 1555591 A2 050720 (Basic)

EP 1555591 A3 051123

APPLICATION (CC, No, Date): EP 2005075672 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS (V7): G06F-001/00; G06F-017/60

ABSTRACT WORD COUNT: 147

NOTE: Figure number on first page: 23

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200529	1002
SPEC A	(English)	200529	194028
Total word count - document A			195030
Total word count - document B			0

Total word count - documents A + B 195030

...INTERNATIONAL PATENT CLASS (V7): G06F-017/60

...SPECIFICATION use electronic content (such as consumers, business people, governments); and the privacy rights of parties described by electronic information, such as privacy rights related to information contained in a medical record, tax record, or personnel record.

In general, the present invention can protect the rights of parties who have:

(a) commercial interests in electronically distributed information (horizontal bar) the present invention...

...useful capabilities that may be combined in different ways to accommodate most potential applications;

(c) operates on a wide variety of electronic appliances ranging from hand-held inexpensive devices to large mainframe computers;

(d) is able to ensure the various rights of a number of different parties, and a number of different rights protection schemes, simultaneously...

...movies, audio recordings, games, electronic catalog shopping, multimedia, training materials, E-mail and personal documents, object oriented libraries, software programming resources, and reference/record keeping information resources (such as business, medical, legal, scientific, governmental, and consumer databases).

Electronic rights protection provided by the present invention will also provide an important foundation for trusted and efficient home... criteria, use a certain document). Of course, templates may, under certain circumstances have fixed control information and not provide for user selections or parameter data entry.

) support plural, different control models regulating the use and/or auditing of either the same specific copy of electronic information content and/or differently regulating...VDE installation can be embedded into a VDE object before, or during, decryption, replication, or communication of VDE content objects to receivers. Fingerprinting electronic content before it is encrypted for transfer to a customer or other user provides information that can be very useful for identifying who received certain content which...

...user selected currency). Such usage can be metered while an additional audit for user profile purposes can be prepared recording the identity of each filed displayed. Additionally, further metering can be conducted regarding the number of said database bytes that have been decrypted, and a related security budget may prevent the...be distributed;

(2) How one or more objects and/or properties, or portions of an object or property, can be directly used, such as decrypted, displayed, printed, etc;

(3) How payment for usage of such content and/or content portions may or must be handled; and

(4) How audit information about...

18/3,K/12 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00923881  
DISTRIBUTED INSPECTION/MEASUREMENT SYSTEM AND DISTRIBUTED HEALTH CARING  
SYSTEM  
VERTEILTE UBERWACHUNGS-/MESS-ANORDNUNG ZUR GESUNDHEITSVERSORGUNG  
SYSTEME REPARTI DE CONTROLE/MESURE ET SYSTEME REPARTI POUR SOINS DE SANTE  
PATENT ASSIGNEE:  
Kyoto Daiichi Kagaku Co., Ltd., (309175), 57 Nishiaketa-cho, Higashikujo,  
Minami-ku, Kyoto-shi, Kyoto 601, (JP), (Proprietor designated states:  
all)  
INVENTOR:  
DOI, Shigeru, Kyoto Daiichi Kagaku Co., Ltd., 57, Nishiaketa-cho,  
Higashikujo, Minami-ku,, Kyoto-shi, Kyoto 601, (JP)  
UENOYAMA, Harumi, Kyoto Daiichi Kagaku Co., Ltd., 57, Nishiaketa-cho,  
Higashikujo, Minami-ku,, Kyoto-shi, Kyoto 601, (JP)  
YAMAGUCHI, Yoshinori, Kyoto Daiichi Kagaku Co. Ltd, 57, Nishiaketa-cho,  
Higashikujo, Minami-ku,, Kyoto-shi, Kyoto 601, (JP)  
LEGAL REPRESENTATIVE:  
Baverstock, Michael George Douglas et al (28131), BOULT WADE TENNANT,  
Verulam Gardens 70 Gray's Inn Road, London WC1X 8BT, (GB)  
PATENT (CC, No, Kind, Date): EP 958778 A1 991124 (Basic)  
EP 958778 B1 020904  
WO 98002086 980122  
APPLICATION (CC, No, Date): EP 97930790 970714; WO 97JP2441 970714  
PRIORITY (CC, No, Date): JP 96185732 960716; JP 96279357 961022; JP 9754780  
970310  
DESIGNATED STATES: DE; FR; GB; IT  
INTERNATIONAL PATENT CLASS (V7): A61B-005/00; G06F-019/00  
ABSTRACT WORD COUNT: 112  
NOTE: Figure number on first page: 7  
LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:  
Available Text Language Update Word Count  
CLAIMS A (English) 199947 1170  
CLAIMS B (English) 200236 804  
CLAIMS B (German) 200236 715  
CLAIMS B (French) 200236 926  
SPEC A (English) 199947 9941  
SPEC B (English) 200236 9923  
Total word count - document A 11113  
Total word count - document B 12368  
Total word count - documents A + B 23481  
...INTERNATIONAL PATENT CLASS (V7): G06F-019/00

...SPECIFICATION clinical statistics data file 123, and so on. The booking  
data file 121 stores data on bookings made for each of clinical  
departments within the medical facility, being updated with new  
booking entries made within the medical facility as well as  
with data received from the hard disc 240 of the central  
controlling unit 20 as will be described later.

Next, a flow of actions involving the terminal...

...SPECIFICATION clinical statistics data file 123, and so on. The booking  
data file 121 stores data on bookings made for each of clinical  
departments within the medical facility, being updated with new



booking entries made within the medical facility as well as with data received from the hard disc 240 of the central controlling unit 20 as will be described later.

Next, a flow of actions involving the terminal...

21/3,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00945759 \*\*Image available\*\*

MONITORING SYSTEM AND PROCESS FOR THE FOOD SERVICE INDUSTRY  
SYSTEME ET PROCEDE DE CONTROLE POUR L'INDUSTRIE DE LA RESTAURATION

Patent Applicant/Assignee:

VSAT INC, 10482 N.W. 31 Terrace, Miami, FL 33172, US, US (Residence), US  
(Nationality)

Inventor(s):

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Legal Representative:

MATOS Peter A (et al) (agent), Malloy & Malloy, P.A., 2800 S.W. Third  
Avenue, Historic Coral Way, Miami, FL 33129, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200279908 A2-A3 20021010 (WO 0279908)

Application: WO 2002US10212 20020402 (PCT/WO US0210212)

Priority Application: US 2001826428 20010402

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11091

Main International Patent Class (v7): G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... It is recognized that in the course of conducting the monitoring procedures of the system and process of the present invention, operating performance, quality control and currently existing conditions will be discovered that are not in compliance with the performance parameters as defined by the predetermined standards. In such situations the monitoring system and process of the present invention assures eventual compliance through the provision of a corrective application associated with the monitoring program 20. With reference to Figures 14 and 15, and using as an example the operational category of the dining area

70, the associated task application will present on display 26 the appropriate window shown in Figure 14. Various test items presented may for example include: "What is the condition of the dining tables?" At least one but normally a plurality of user responses will be concurrently displayed on the test block screen relating to the operational category of dining hall. These user responses will be appropriate to all of the applicable conditions that may exist, such as of the tables, they are found to be in good to excellent condition, the appropriate on screen indicator button will be indicated by finger-tap entry or the like. This user response as processed by the monitoring program 20 will be found to be within the acceptable performance parameters that the predetermined standards requires. However, if upon inspection the user provides a "poor to fair" user response the monitoring program 20 will then activate the corrective application resulting in the communication of the window of Figure 15 on the display 26. The corrective application comprises a plurality of correlated corrective

21/3,K/8 (Item 8 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
 (c) 2009 WIPO/Thomson. All rts. reserv.  
 00560551 \*\*Image available\*\*  
 LOCKBOX BROWSER SYSTEM  
 SYSTEME DE FOURNITURE D'INFORMATIONS SUR DES BOITES POSTALES  
 Patent Applicant/Assignee:  
 THE CHASE MANHATTAN BANK,  
 Inventor(s):  
 LEONG Sang,  
 CAHILL Teresa,  
 WREN Margaret J,  
 MCCARTHY Mary,  
 REYNA Ilona,  
 Patent and Priority Information (Country, Number, Date):  
 Patent: WO 200023924 A2 20000427 (WO 0023924)  
 Application: WO 99US21615 19991013 (PCT/WO US9921615)  
 Priority Application: US 98174031 19981016  
 Designated States:  
 (Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
 AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
 HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW  
 MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW  
 GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY  
 DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML  
 MR NE SN TD TG  
 Publication Language: English  
 Fulltext Word Count: 10624  
 International Patent Class (v7): G06F-017/60  
 Fulltext Availability:  
 Detailed Description

# Detailed Description

... that screen format be provided is sufficiently small.

It is also preferred that certain of the options for the external customer 22 to receive corresponding screen formats be emphasized based on the number of times that the external customer 22 commands the screen format be provided. For example, with reference to Fig. 3, the image lockbox icon 104a may be enlarged or highlighted if the number of times that an external customer 22 selects the image lockbox icon 104a is sufficiently large.

It is also preferred that the system 10 be provided with the capability of recognizing that the plurality of customers 20, 22 may be classified...

21/3,K/10 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2009 European Patent Office. All rts. reserv.

01444830

Methods for obtaining and using Haplotype data  
Verfahren zur herstellung und verwendung von Haplotype Daten  
Procede d'obtention et d'utilisation de donnees sur les haplotypes  
PATENT ASSIGNEE:

Genaisance Pharmaceuticals, Inc., (3108670), Five Science Park, New Haven, CT 06511, (US), (Applicant designated States: all)

## INVENTOR:

Judson, Richard S., 42 Barker Hill Drive, Guilford, CT 06437, (US)  
Windemuth, Andreas K., 91 Center Road, Woodbridge, CT, (US)  
Xu, Chuanbo, 524 Opening Hill Road, Madison, CT, (US)

## LEGAL REPRESENTATIVE:

Molnia, David (90493), Dorries, Frank-Molnia, Pohlman, Postfach 221661, 80506 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1233366 A2 020821 (Basic)  
EP 1233366 A3 041013

APPLICATION (CC, No, Date): EP 2002007045 000626;

PRIORITY (CC, No, Date): US 141521 990625

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

RELATED PARENT NUMBER(S) - PN (AN):

EP 1208421 (EP 2000941722)

INTERNATIONAL PATENT CLASS (V7): G06F-019/00

ABSTRACT WORD COUNT: 87

NOTE: Figure number on first page: 45

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200234	722
SPEC A	(English)	200234	33384
Total word count - document A			34106
Total word count - document B			0
Total word count - documents A + B			34106

INTERNATIONAL PATENT CLASS (V7): G06F-019/00

...SPECIFICATION brings up a statistics results window, such as FIGURE 39A.

- \* Normal (icon of bell curve) - does a HAPpair ANOVA calculation - a specialized statistical calculation.
  - \* 3 finger down icon - displays a graph showing a histogram of clinical data for individuals with specific genetic markers.
  - \* Thermometer - shows a list of clinical variables for the user to select from for display and analysis.
- Some of the viewing modes obtainable by selecting the following drop-down menus on this view (and the other views on which they...

21/3,K/13 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00551383

Method and apparatus utilizing data icons

Verfahren und Vorrichtung mit Datenikonen

Methode et dispositif utilisant icones de donnees

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Kahl, Daryl J., 1901 Dexter Court, Flower Mound, Texas 75028, (US)

Torres, Rober J., 6100 Meadowhill Drive, Colleyville, TX 76034, (US)

LEGAL REPRESENTATIVE:

Schuffenecker, Thierry et al (69981), Compagnie IBM France, Departement  
de Propriete Intellectuelle, 06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 542658 A1 930519 (Basic)  
EP 542658 B1 970423

APPLICATION (CC, No, Date): EP 92480155 921023;

PRIORITY (CC, No, Date): US 792984 911115

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS (V7): G06F-017/60; G06F-003/033;

ABSTRACT WORD COUNT: 103

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	403
CLAIMS B	(English)	EPAB97	486
CLAIMS B	(German)	EPAB97	505
CLAIMS B	(French)	EPAB97	603
SPEC A	(English)	EPABF1	2819
SPEC B	(English)	EPAB97	3088
Total word count - document A			3222
Total word count - document B			4682
Total word count - documents A + B			7904

INTERNATIONAL PATENT CLASS (V7): G06F-017/60...

...SPECIFICATION frame for the minimized data icon is written into memory  
at block 82. At block 84, the object information for display in the  
minimized data icon from the large data icon is

determined. The object information is then written into the minimized data icon memory at block 86 followed by a determination of the minimized data icon's size and position. The enlarged data icon's image is erased from the `display` buffer at block 90, and the minimized data icon's image is written into the `display` buffer at block 92. The `display` is then updated with the minimized data icon at block 94. The sub-routine 39 then returns to block 32.

If it is desired to...

#### IV. Text Search Results from Dialog

##### A. NPL Files, Abstract

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 Gale/Cengage

File 474:New York Times Abs 1969-2009/Nov 17  
(c) 2009 The New York Times

File 475:Wall Street Journal Abs 1973-2009/Nov 17  
(c) 2009 The New York Times

File 35:Dissertation Abs Online 1861-2009/Sep  
(c) 2009 ProQuest Info&Learning

File 65:Inside Conferences 1993-2009/Nov 16  
(c) 2009 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Oct  
(c) 2009 The HW Wilson Co.

File 256:TecTrends 1982-2009/Nov W2  
(c) 2009 Info.Sources Inc. All rights res.

File 2:INSPEC 1898-2009/Nov W2  
(c) 2009 The IET

File 155:MEDLINE(R) 1950-2009/Nov 12  
(c) format only 2009 Dialog

File 5:Biosis Previews(R) 1926-2009/Nov W2  
(c) 2009 The Thomson Corporation

File 73:EMBASE 1974-2009/Nov 13  
(c) 2009 Elsevier B.V.

File 34:SciSearch(R) Cited Ref Sci 1990-2009/Nov W2  
(c) 2009 The Thomson Corp

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp

Set	Items	Description
S1	21674	(ACTUAT? OR BUTTON? OR ICON? OR AVATAR? OR LINK OR LINKS OR INTERFACE(3N)(ELEMENT? OR FEATURE?) OR PUSHBUTTON? OR DISC OR DISCS OR HOTLINK? OR KEY OR KEYS)(5N)(LARGE OR ERGONOMIC? OR BIG OR EASY(2W)(SEE OR USE) OR ADA(5N)(COMPLY? OR COMPIAN?) OR FINGER OR THUMB)
S2	6329783	DISPLAY? OR SCREEN? OR MONITOR? OR VIEW?
S3	3500249	(HEALTH OR HEALTHCARE OR MEDICAL OR PHYSICIAN? OR DOCTOR? - OR CLINICAL)(5N)(INFORMATION OR MATERIAL? OR DATA OR BOOK? OR PUBLICATION? OR TEXT? OR PERIODICAL? OR JOURNAL?) OR REFERENCE?
S4	8082038	TEST OR TESTS OR (PATIENT? OR LAB OR LABORATOR? OR MEDICAL OR HOSPITAL)(5N)(DATA OR INFORMATION OR RESULT? OR RECORD? OR HISTORY OR HISTORIES) OR LABS OR BLOODWORK
S5	764005	S4(15N)(INFER? OR RELEVANT OR RELATE? OR RELATING OR PERTINENT OR GERMANE OR APPROPRIATE OR APPLICABLE OR ASSOCIATED OR BASED)
S6	72538	(PRIOR OR PREVIOUS OR LAST OR JUST() (ENTERED OR RECEIVED) - OR MOST()RECENT? OR BEFORE OR VIEWED)(5N)(COMMAND? OR INSTRUCTION? OR DIRECTION? OR ORDER? OR REQUEST? OR ENTRY OR ENTRIES OR INPUT?)
S7	706371	(MOBILE OR PORTABLE OR WIRELESS OR WIFI OR WI())FI OR HAND?

OR CELL? OR PERSONAL OR POCKET)(3N) (TERMINAL? OR DEVICE? OR C-  
COMPUTER? OR PC?? OR ASSISTANT? OR ORGANIZER? OR MANAGER? OR P-  
HONE? OR APPARATUS?) OR CELLPHONE? OR LAPTOP? OR NOTEBOOK? OR  
PDA? OR BLACKBERRY? OR RADIOTELEPHONE?

S8	90	S1 AND S2 AND S3
S9	1	S8 AND S7
S10	0	S8 AND S4 AND S6
S11	5	S8 AND (S5 OR S6)
S12	112	S1 AND S2 AND S7
S13	6	S12 AND S4
S14	27	S8 AND S4
S15	34	S9 OR S11 OR S13 OR S14
S16	11	S15 NOT PY>2001
S17	9	RD (unique items)
S18	41	S8 NOT PY>2001
S19	29	RD (unique items)
S20	30	S17 OR S19

20/5/1 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

(c) 2002 Gale/Cengage. All rts. reserv.

09503449

Im Juni kommt der Senioren-PC

GERMANY: COMPUTER FOR SENIOR CITIZENS

Hannoversche Allgemeine Zeitung (XGX) 09 Apr 2001 p.23

Language: GERMAN

German Hanover-based software company Linearus plans to offer internet and multimedia-compatible computers of Leipzig-based hardware producer Lintec especially to senior citizens. The start page features large buttons. By using simple references such as "Mein Bro" <My Office> or "Meine Bank" <My Bank> instead of the names of the various programmes, the use is to be facilitated. The PC system, which retails at about DM 4,000, is also DVD-compatible. Apart from a computer, the system comprises a monitor and a printer. The installation at home and an introduction to the use of the computer system are included in the price.

COMPANY: LINTEC; LINEARUS

PRODUCT: Computers & Auxiliary Equip (3573); Computer Software (7372);

Computer Services (7370);

EVENT: Product Design & Development (33); Marketing Procedures (24);

COUNTRY: Germany (4GER);

20/5/3 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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08104317

Title: Schemes for the optimization of chest radiography using a computer model of the patient and X-ray imaging system

Authors(s): Sandborg, M.; McVey, G.; Dance, D.R.; Carlsson, G.A.

Author Affiliation: Dept. of Radiat. Phys., Linkoping Univ. , Sweden

Journal: Medical Physics, vol.28, no.10, pp.2007-19

Publisher: AIP for American Assoc. Phys. Med

Country of Publication: USA  
 Publication Date: Oct. 2001  
 ISSN: 0094-2405  
 SICI: 0094-2405(200110)28:10L:2007:SOCR;1-4  
 CODEN: MPHYA6  
 Document Number: S0094-2405(01)00110-9  
 U.S. Copyright Clearance Center Code: 0094-2405/2001/28(10)/2007/13/\$18.00  
 Item Identifier (DOI): <http://dx.doi.org/10.1118/1.1405840>  
 Language: English  
 Document Type: Journal Paper (JP)  
 Treatment: Practical (P); Theoretical or Mathematical (T)  
 Abstract: A computer program has been developed to model chest radiography. It incorporates a voxel phantom of an adult and includes antiscatter grid, radiographic ~~screen~~, and film. Image quality is quantified by calculating the contrast (DeltaOD) and the ideal observer signal-to-noise ratio (SNRI) for a number of relevant anatomical details at various positions in the anatomy. Detector noise and system unsharpness are modeled and their influence on image quality is considered. A measure of useful dynamic range is computed and defined as the fraction of the image that is reproduced at an optical density such that the film gradient exceeds a preset value. The effective dose is used as a measure of the radiation risk for the patient. A novel approach to patient dose and image quality optimization has been developed and implemented. It is based on a ~~reference~~ system acknowledged to yield acceptable image quality in a clinical trial. Two optimizations schemes have been studied, the first including the contrast of vessels as measure of image quality and the second scheme using also the signal-to-noise ratio of calcifications. Both schemes make use of our measure of useful dynamic range as a ~~key~~ quantity. A ~~large~~ variety of imaging conditions was simulated by varying the tube voltage, antiscatter device, ~~screen~~-film system, and maximum optical density in the computed image. It was found that the optical density is crucial in ~~screen~~-film chest radiography. Significant dose savings (30%-50%) can be accomplished without sacrificing image quality by using low-atomic-number grids with a low grid ratio or an air gap and more sensitive ~~screen~~-film system. Dose-efficient configurations proposed by the model agree well with the example of good radiographic technique suggested by the European Commission (32 refs.)  
 Subfile(s): A (Physics); B (Electrical & Electronic Engineering); C (Computing & Control Engineering)  
 Descriptors: biomedical equipment; diagnostic radiography; digital simulation; medical diagnostic computing; modelling; optimisation; X-ray apparatus  
 Identifiers: chest radiography optimization schemes; ideal observer signal-to-noise ratio; relevant anatomical details; system unsharpness; detector noise; useful dynamic range measurement; vessel contrast; acceptable image quality; clinical trial; tube voltage; medical diagnostic imaging; antiscatter device; ~~screen~~-film system; maximum optical density; computed image; dose savings  
 Classification Codes: A8760J (X-rays and particle beams (medical uses)); A8770E (Patient diagnostic methods and instrumentation); A8710 (General, theoretical, and mathematical biophysics); B7510P (X-ray techniques: radiography and computed tomography (biomedical imaging/measurement)); B0260 (Optimisation techniques); C7330 (Biology and medical computing); C1180 (Optimisation techniques)  
 INSPEC Update Issue: 2001-047  
 Copyright: 2001, IEE



20/5/7 (Item 5 from file: 2)  
 DIALOG(R)File 2:INSPEC  
 (c) 2009 The IET. All rts. reserv.  
 06601951  
 Title: FACE: a GUI integrated in an existing, large HIS, a chain of many links  
 Authors(s): Hooymans, M.P.; Osseyran, A.; Bakker, A.R.  
 Author Affiliation: HISCOM, Leiden, Netherlands  
 Book Title: Medical Informatics Europe '96: Human Facets in Information Technologies  
 Inclusive Page Numbers: 271-5  
 Publisher: IOS Press, Amsterdam  
 Country of Publication: Netherlands  
 Publication Date: 1996  
 Conference Title: Proceedings of Medical Informatics Europe '96 (ISBN 90 5199 278 5)  
 Conference Date: 1996  
 Conference Location: Copenhagen, Denmark  
 Editor(s): Brender, J.; Christensen, J.P.; Scherrer, J.-R.; McNair, P.  
 Number of Pages: xxviii+1122  
 Language: English  
 Document Type: Conference Paper (PA)  
 Treatment: Practical (P)  
 Abstract: Developing a graphical user interface in an HIS is not an isolated matter. Realisation of a GUI involves a chain of at least five links: the UI from a conceptual point of view, the GUI-building tools, the hardware platform, data communication facilities and integration in the HIS. And, like the saying "a chain is no stronger than its weakest link", the GUI can only be successful if each link is strong enough. A description of the implementation of a GUI in an existing HIS shows the choices that have been made (7 refs.)  
 Subfile(s): C (Computing & Control Engineering)  
 Descriptors: graphical user interfaces; health care; medical information systems  
 Identifiers: FACE graphical user interface; healthcare information system; graphical user interface building tools; hardware platform; data communication facilities  
 Classification Codes: C7140 (Medical administration); C6180G (Graphical user interfaces)  
 INSPEC Update Issue: 1997-023  
 Copyright: 1997, IEE

20/5/9 (Item 7 from file: 2)  
 DIALOG(R)File 2:INSPEC  
 (c) 2009 The IET. All rts. reserv.  
 06118558  
 Title: Biomedical engineering aspects of critical care information systems based on user requirements  
 Authors(s): DeClariss, J.-W.; VandenBerg, E.J.; Calvin, J.E.  
 Author Affiliation: Rush Univ., Chicago, IL, USA  
 Book Title: Proceedings of the 16th Annual International Conference of the IEEE Engineering in Medicine and Biology Society. Engineering Advances: New Opportunities for Biomedical Engineers (Cat. No.94CH3474-4)  
 Inclusive Page Numbers: 1402-3 vol.2

Publisher: IEEE, New York, NY  
 Country of Publication: USA  
 Publication Date: 1994  
 Conference Title: Proceedings of 16th Annual International Conference of  
 the IEEE Engineering in Medicine and Biology Society  
 Conference Date: 3-6 Nov. 1994  
 Conference Location: Baltimore, MD, USA  
 Editor(s): Sheppard, N.F., Jr.; Eden, M.; Kantor, G.  
 ISBN: 0 7803 2050 6  
 U.S. Copyright Clearance Center Code: 0 7803 2050 6/94/\$4.00  
 Item Identifier (DOI): <http://dx.doi.org/10.1109/IEMBS.1994.415493>  
 Part: vol.2  
 Number of Pages: 2 vol. (xxxii+xxiv+1421)  
 Language: English  
 Document Type: Conference Paper (PA)  
 Treatment: Practical (P)  
 Abstract: Decisions in a large hospital by doctors, nurses,  
 managers, and information specialists are based on the  
 information available. To make informed decisions the necessary  
 information must be accurate and conveniently accessible. Large  
 hospitals play a key role in the US health care system and their  
 needs for information management are complex and in some cases unique.  
 This paper examines, from a health care provider's point of view,  
 the user requirements and biomedical engineering aspects of critical  
 care information systems for specification and implementation purposes  
 (6 refs.)  
 Subfile(s): C (Computing & Control Engineering)  
 Descriptors: biomedical engineering; health care; medical  
 information systems; relational databases  
 Identifiers: biomedical engineering aspects; critical care  
 information systems; user requirements; large hospital; decisions;  
 doctors; nurses; managers; information specialists; informed  
 decisions; US health care system; information management;  
 health care provider; specification; implementation  
 Classification Codes: C7140 (Medical administration); C7330 (Biology and  
 medical computing); C6160D (Relational databases)  
 INSPEC Update Issue: 1995-046  
 Copyright: 1995, IEE

20/5/10 (Item 8 from file: 2)  
 DIALOG(R)File 2:INSPEC  
 (c) 2009 The IET. All rts. reserv.  
 06045161  
 Title: Integrating hypermedia and information retrieval with conceptual  
 graphs formalism  
 Author(s): Khairbek, A.; Chiaramella, Y.  
 Author Affiliation: Lab. de Genie Inf., IMAG, Grenoble, France  
 Book Title: Hypertext - Information Retrieval - Multimedia. Proceedings  
 HIM '95  
 Inclusive Page Numbers: 47-60  
 Publisher: Universitätsverlag Konstanz, Konstanz  
 Country of Publication: Germany  
 Publication Date: 1995  
 Conference Title: Hypertext - Information Retrieval - Multimedia  
 Conference Date: 5-7 April 1995  
 Conference Location: Konstanz, Germany

Editor(s): Kuhlen, R.; Rittberger, M.

ISBN: 3 87940 509 3

Number of Pages: 337

Language: English

Document Type: Conference Paper (PA)

Treatment: Theoretical or Mathematical (T)

Abstract: In this paper we present a model that integrates hypermedia and information retrieval approaches for a more effective information search. This integration is mainly based on a unifying view of domain knowledge which is used in both hypermedia and IR systems, and what could be called "structural knowledge", or knowledge that makes explicit (i.e. Usable in a search process) the semantics of the various links that are essential components of hypermedia systems. Conceptual graphs are proposed as a common formalism to represent these two kinds of knowledge. Their expressive power allows for the definition of high-level concepts that are useful for more effective IR and browsing, and their generality allows for an easy representation and use of any kind of link. Moreover the formal properties that are part of the conceptual graph theory allow for the design of powerful IR processes that encompasses semantic and structural aspects of information. It is also shown in this paper that conceptual graphs are well adapted to modern, powerful approaches of IR, namely the logic-based IR models. Hence the presented model not only integrates two complementary approaches for searching information (browsing and querying) but it also offers more elaborate designs of these two components. Developments of this model are implemented in the framework of the RIME project and tested on multimedia medical data (

21 refs.)

Subfile(s): C (Computing & Control Engineering)

Descriptors: graph theory; hypermedia; information retrieval

Identifiers: hypermedia; information retrieval; conceptual graphs formalism; information search; domain knowledge; structural knowledge; high-level concepts; conceptual graph theory; browsing; querying; RIME project; multimedia medical data; structured documents

Classification Codes: C7250R (Information retrieval techniques); C6130M (Multimedia); C1160 (Combinatorial mathematics)

INSPEC Update Issue: 1995-035

Copyright: 1995, IEE

20/5/11 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

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05980378

Title: Designing a clinical information system: understanding the user requirements

Authors(s): DeClariss, J.-W.; VandenBerg, E.J.; Calvin, J.E.

Book Title: 1994 IEEE International Conference on Systems, Man, and Cybernetics. Humans, Information and Technology (Cat. No.94CH3571-5)

Inclusive Page Numbers: 2311-15 vol. 3

Publisher: IEEE, New York, NY

Country of Publication: USA

Publication Date: 1994

Conference Title: Proceedings of IEEE International Conference on Systems, Man and Cybernetics

Conference Date: 2-5 Oct. 1994

Conference Location: San Antonio, TX, USA

ISBN: 0 7803 2129 4  
U.S. Copyright Clearance Center Code: 0 7803 2129 4/94/\$3.00  
Item Identifier (DOI): <http://dx.doi.org/10.1109/ICSMC.1994.400210>  
Part: vol. 3  
Number of Pages: 3 vol. iii+2849  
Language: English  
Document Type: Conference Paper (PA)  
Treatment: Practical (P)  
Abstract: Decisions in a large hospital by doctors, nurses, managers, and information specialists are based on the information available. To make informed decisions the necessary information must be accurate and conveniently accessible. Large hospitals play a key role in the US health care system and their needs for information management are complex and in some cases unique. This paper examines some of the user requirements and components for a critical care information system from a health care provider's point of view (9 refs.)  
Subfile(s): C (Computing & Control Engineering)  
Descriptors: medical information systems  
Identifiers: clinical information system; user requirements; large hospital; US health care system  
Classification Codes: C7140 (Medical administration)  
INSPEC Update Issue: 1995-024  
Copyright: 1995, IEE

20/5/12 (Item 10 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2009 The IET. All rts. reserv.  
05609151  
Title: Defending large networks-the key threats  
Authors(s): Mulhall, T.  
Author Affiliation: British Telecom plc, London, UK  
Journal: Computer Fraud & Security Bulletin, pp.10-14  
Country of Publication: UK  
Publication Date: Jan. 1994  
ISSN: 0142-0496  
CODEN: CFSBEK  
U.S. Copyright Clearance Center Code: 0142-0496/94/\$7.00  
Language: English  
Document Type: Journal Paper (JP)  
Treatment: Practical (P)  
Abstract: This article makes reference to the type of threats occurring today. The views expressed are based upon real and not imaginary events. This article deals with such areas of concern as dial inward system access (DISA) fraud, blue boxing, freephone manipulation (0800) and mobile communication fraud (0 refs.)  
Subfile(s): D (Information Technology for Business)  
Descriptors: cellular radio; fraud; telecommunication networks; telephony  
Identifiers: large networks; threats; dial inward system access; blue boxing; freephone manipulation; mobile communication fraud  
Classification Codes: D4070 (Telephone systems for office automation); D1060 (Security aspects of IT); D4045 (Mobile communications systems for office automation)  
INSPEC Update Issue: 1994-007  
Copyright: 1994, IEE

20/5/13 (Item 11 from file: 2)  
 DIALOG(R)File 2:INSPEC  
 (c) 2009 The IET. All rts. reserv.  
 04465449  
 Title: Keyboards: Long live a suitable standard  
 Authors(s): Muller, C.  
 Journal: Elektro-Anzeiger, vol.42, no.5, pp.42-4  
 Country of Publication: West Germany  
 Publication Date: 19 May 1989  
 ISSN: 0013-5518  
 CODEN: EKANAJ  
 Language: German  
 Document Type: Journal Paper (JP)  
 Treatment: Practical (P)  
 Abstract: Computer keyboards have achieved some uniformity in recent years, but may special keyboards have also been produced to meet special needs. The article reviews keyboards in general, and variations include integrated magnetic card reader, connection for barcode reader and mouse, LCD displays and keys, and other features, and modern designs are sometimes not very ergonomic. Reference is made to DIN 2137 relating to keyboards, and to the European standard CEN applicable from 1992, and trends are considered. The ergonomic keyboard with inclined key groups to reduce operator fatigue has not found favour, and present trends are towards programmable keyboards with various user-friendly facilities. Limitations of speech inputs to complement keyboard inputs, and keyboard selection criteria, are discussed (0 refs.)  
 Subfile(s): C (Computing & Control Engineering)  
 Descriptors: keyboards; standards  
 Identifiers: keyboards; integrated magnetic card reader; barcode reader; mouse; LCD displays; keys; DIN 2137; European standard CEN  
 Classification Codes: C5540B (Interactive-input devices)  
 INSPEC Update Issue: 1989-021  
 Copyright: 1989, IEE

20/5/14 (Item 12 from file: 2)  
 DIALOG(R)File 2:INSPEC  
 (c) 2009 The IET. All rts. reserv.  
 04427621  
 Title: Iconographic displays for visualizing multidimensional data  
 Authors(s): Pickett, R.M.; Grinstein, G.G.  
 Author Affiliation: Lowell Univ., MA, USA  
 Inclusive Page Numbers: 514-19 vol.1  
 Publisher: Int. Acad. Publishers, Beijing  
 Country of Publication: China  
 Publication Date: 1988  
 Conference Title: Proceedings of the 1988 IEEE International Conference on Systems, Man, and Cybernetics (IEEE Cat. No.88CH2556-9)  
 Conference Date: 8-12 Aug. 1988  
 Conference Location: Beijing and Shenyang, China  
 Conference Sponsor: IEEE  
 U.S. Copyright Clearance Center Code: CH2556-9/88/0000-0514\$01.00  
 Number of Pages: 2 vol.xxxi+1411  
 Language: English  
 Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: A novel graphic technique for displaying multidimensional data is explained and illustrated. The basic approach is to represent each datum by a graphic icon, the visible features of which are under control of the multiple measures on each datum. When the icons are displayed en masse, densely stacked into a two-dimensional array, statistical structure in the data is perceived in the form of texture contours or gradients of texture variation over the display. This approach is illustrated with weather satellite imagery data. Five channels of multispectral data are combined into one picture, in which each pixel is an icon. The authors also describe how large statistical databases like medical epidemiological data or census data might be visualized iconographically (18 refs.)

Subfile(s): C (Computing & Control Engineering)

Descriptors: computer graphics; data structures

Identifiers: statistical data structure; 2D arrays; iconographic displays; engineering graphics; multidimensional data; texture contours; texture variation; statistical databases

Classification Codes: C6130B (Graphics techniques); C6120 (File organisation)

INSPEC Update Issue: 1989-017

Copyright: 1989, IEE

20/5/16 (Item 14 from file: 2)

DIALOG(R)File 2:INSPEC

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04071277

Title: An efficient and cost effective nuclear medicine image network

Authors(s): Sampathkumaran, K.S.; Miller, T.R.

Author Affiliation: Edward Mallinckrodt Inst. of Radiol., Washington Univ. Sch. of Med., St. Louis, MO, USA

Journal: European Journal of Nuclear Medicine, vol.13, no.4, pp.161-6

Country of Publication: West Germany

Publication Date: 1987

ISSN: 0340-6997

CODEN: EJNMD9

Language: English

Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: An image network that is in use in a large nuclear medicine department is described. This network was designed to efficiently handle a large volume of clinical data at reasonable cost. Small, limited function computers are attached to each scintillation camera for data acquisition. The images are transferred by cable network or floppy disc to a large, powerful central computer for processing and display. Cost is minimized by use of small acquisition computers not equipped with expensive video display systems or elaborate analysis software. Thus, financial expenditure can be concentrated in a powerful central computer providing a centralized data base, rapid processing, and an efficient environment for program development. Clinical work is greatly facilitated because the physicians can process and display all studies without leaving the main reading area (7 refs.)

Subfile(s): B (Electrical & Electronic Engineering); C (Computing & Control Engineering)

Descriptors: computer networks; medical diagnostic computing; radioisotope

scanning and imaging  
Identifiers: PACS; digital radiology; computer network; nuclear medicine  
image network; data acquisition; cable network; floppy disc; centralized  
data base  
Classification Codes: B7540 (Hospital Engineering); C7330 (Biology and  
medical computing )  
INSPEC Update Issue: 1988-006  
Copyright: 1988, IEE

20/5/17 (Item 15 from file: 2)

DIALOG(R)File 2:INSPEC

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03932944

Title: European Community policy for telecommunications, action line race

Authors(s): d'Oultremont, P.; Richter, J.

Author Affiliation: CEC, Brussels, Belgium

Inclusive Page Numbers: 72-7

Publisher: North-Holland, Amsterdam

Country of Publication: Netherlands

Publication Date: 1986

Conference Title: New Communication Services: A Challenge to Computer

Technology. Proceedings of the Eighth International Conference on

Computer Communication

Conference Date: 15-19 Sept. 1986

Conference Location: Munich, West Germany

Conference Sponsor: Int. Council Comput. Commun

Editor(s): Kuehn, P.J.

ISBN: 0 444 70060 9

Number of Pages: xv+783

Language: English

Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The RACE program for R&D in Advanced Communication technologies for Europe, a key element of the European Community's telecommunications policy, aims at the introduction of Integrated Broadband Communications (IBC) throughout the Community from 1995. A definition phase has been launched, and consists of two parts: the development of an IBC Reference Model, and exploratory long lead-time R&D activities. Part I of the RACE definition phase includes the development of an IBC reference model, the definition of the IBC terminal environment, and the assessment of future applications, in order to evaluate the functional requirements of future services, their technoeconomic characteristics and their impact on the conception and implementation of IBC. Part II of the RACE definition phase is aimed at key areas, defined during the first period of phase I. They include high speed integrated circuits, high complexity integrated circuits, integrated optoelectronics, broadband switching, passive optical components, components for long-haul links, dedicated communications software, and large area flat panel display technology (0 refs.)

Subfile(s): B (Electrical & Electronic Engineering)

Descriptors: broadband networks

Identifiers: EEC; telecommunications; race; Integrated Broadband

Communications; IBC reference model; services; high speed

integrated circuits; high complexity integrated circuits; integrated

optoelectronics; broadband switching; passive optical components;

long-haul links; dedicated communications software; large

area flat panel display technology  
Classification Codes: B6210 (Telecommunication applications )  
INSPEC Update Issue: 1987-016  
Copyright: 1987, IEE

20/5/18 (Item 16 from file: 2)  
DIALOG(R)File 2:INSPEC  
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03493138  
Title: Show me the content [user interfaces]  
Authors(s): Feichtinger, H.  
Journal: Mikrocomputer Zeitschrift, no.5, pp.44-5  
Country of Publication: West Germany  
Publication Date: May 1985  
ISSN: 0720-4442  
CODEN: MDMZDL  
Language: German  
Document Type: Journal Paper (JP)  
Treatment: General or Review (G)

Abstract: Discusses the three basic possibilities of communication between user and computer: direct instruction input; selection of desired actions from a menu displayed by computer; and, the latest method, communication by natural language. The disadvantages and limitations of the first two methods are outlined, leading to the conclusion that the use of natural language could be the solution to the various difficulties which arise. However, it is admitted that the use of natural language could lead to time-wasting 'blow-up' sentences, and is, therefore, not yet suitable for experienced users of specific programs: it is more suitable for inexperienced beginners in computer dialogue. The significant features required of a natural language dialogue such as the need for key-word lists which also distinguish between the various parts of speech, specific references, etc. are discussed, leading to a specific example demonstrating the protocol, the need for very extensive programs with a large store of key words and grammatical rules. A program in the example serves to show some elementary operations using Apple-DOS 3.3 (0 refs.)

Subfile(s): C (Computing & Control Engineering); E (Mechanical & Production Engineering)  
Descriptors: interactive systems; man-machine systems; user interfaces  
Identifiers: user interfaces; direct instruction input; menu; natural language; computer dialogue; protocol; Apple-DOS 3.3  
Classification Codes: C7000 (Computer applications); E1410 (Ergonomics)  
INSPEC Update Issue: 1985-017  
Copyright: 1985, IEE

20/5/21 (Item 3 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2009 Dialog. All rts. reserv.  
11850574 PMID: 8970866  
The normalised rim/disc area ratio line.  
Bartz-Schmidt K U; Jonescu-Cuyppers C P; Thumann G; Frucht J; Sengersdorf A; Hilgers R D; Krieglstein G K  
Department of Ophthalmology, University of Cologne, Germany.  
International ophthalmology (NETHERLANDS) 19 (6) p331-5, ISSN



0165-5701--Print Journal Code: 7904294

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Subfile: INDEX MEDICUS

The assessment of the cup of the optic disc depends, among other criteria, on the disc area. A small cup in a small optic disc can indicate an advanced glaucomatous lesion, on the other hand a large cup in a large optic disc can be normal. Therefore, an individual normalised rim/disc area ratio line together with the curves of 50th percentile and the 95th percentile of normal could help to better distinguish between glaucomatous and normal optic cups. The aim of our study was to calculate and to evaluate such a normalised rim/disc area ratio line. Heidelberg Retina Tomograph examinations of the optic nerve head of 100 randomly selected eyes of 100 normal subjects were evaluated. We calculated the disc area adjusted rim/disc area ratio in sectors of 10 degrees. The 95th percentile and the 50th percentile of each of the 36 sectors were calculated. Based on these normal percentile lines it was possible to display an individual normalised rim/disc area ratio line in the topographic images of an individual optic disc examination. Here we demonstrated examples of a normal optic disc, optic nerve heads with moderate and advanced lesions and a small optic disc with glaucomatous damage. We present a new display mode of the results of Heidelberg Retina Tomograph optic nerve head examination, which may be helpful for an easy and reliable assessment of glaucomatous optic nerve head damage only looking at topographic images.

Tags: Female; Male

Descriptors: \*Image Processing, Computer-Assisted--methods--MT; \*Optic Disk--anatomy and histology--AH; \*Tomography--methods--MT; Adolescent; Adult; Aged; Child; Glaucoma--complications--CO; Glaucoma--pathology--PA; Humans; Lasers--diagnostic use--DU; Middle Aged; Optic Nerve Diseases--etiology--ET; Optic Nerve Diseases--pathology--PA; Random Allocation; Reference Values

Record Date Created: 19970313

Record Date Completed: 19970313

20/5/23 (Item 5 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

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10315013 PMID: 1583942

Can patients use an automated questionnaire to define their current health status?

Roizen M F; Coalson D; Hayward R S; Schmittner J; Thisted R A; Apfelbaum J L; Stocking C B; Cassel C K; Pompei P; Ford D E; et al

Department of Anesthesia and Critical Care, University of Chicago, IL 60637.

Medical care (UNITED STATES) May 1992, 30 (5 Suppl) pMS74-84, ISSN 0025-7079--Print Journal Code: 0230027

Publishing Model Print

Document type: Comparative Study; Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Subfile: INDEX MEDICUS

Patient management decisions rarely incorporate standardized health status assessments, since accurate and reliable measures are difficult and expensive to obtain. In prior research with various methods for obtaining health data from patients, it was found that physicians' acceptance of a method was improved if it provided an individualized printout. It was also determined that patients will readily complete a health status questionnaire on a computer when the computer does not look like a computer. Patients' acceptance was greatest when they were presented with a single line of large, pressure-sensitive buttons with which they could respond to questions about their health histories. Using such an instrument, the HealthQuiz, the current study found the same discrepancy rate (3%) between patients' responses to health questions presented on HealthQuiz and during interview as between their responses to questions asked during two separate interviews. Further, to ascertain health status, rules determined by an expert panel were applied to patients' responses to health questions presented on the HealthQuiz screen. It was found that the numerical health status derived from answers to the automated presentation of questions was similar to numerical health status derived by a physician after a patient-physician interview.

Descriptors: \*Diagnosis, Computer-Assisted--standards--ST; \*Health Status Indicators; \*Medical History Taking--methods--MT; \*Questionnaires--standards--ST; Aged; Anesthesiology; Attitude to Computers; Evaluation Studies as Topic; Health Status; Humans; Interviews as Topic--standards--ST; Middle Aged; Preoperative Care--methods--MT; Preventive Medicine; United States

Record Date Created: 19920615

Record Date Completed: 19920615

20/5/24 (Item 6 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

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09795880 PMID: 10109991

Monitoring physicians. A bargaining model of medical group practice.

Lee R H

Department of Economics, University of North Carolina, Chapel Hill 27599.

Journal of health economics (NETHERLANDS) 1990, 9 (4) p463-81,

ISSN 0167-6296--Print Journal Code: 8410622

Contract/Grant No.: HS05557; HS; AHRQ HHS United States

Publishing Model Print

Document type: Journal Article; Research Support, U.S. Gov't, P.H.S.

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Subfile: Health Administration

This paper challenges the proposition that large physician-owned groups will be inefficient because of failures to control opportunism. A bargaining model implies that even large partnerships will make efficient resource and monitoring decisions. In addition, opportunism has much the same payoff for employees and partners. The data show that most large medical practice organizations are physician owned. Empirical analyses of nine forms of monitoring by large groups generally show no clear link between monitoring and ownership. There is one exception. Physician-owned firms tend to base compensation on productivity, which may help explain the continued dominance of

professional partnerships.

Descriptors: \*Efficiency; \*Group Practice--economics--EC; Cohort Studies; Decision Making; Economic Competition; Employment; Health Resources--utilization--UT; Models, Statistical; Ownership--economics--EC; Physician's Practice Patterns--statistics and numerical data--SN; Questionnaires; Regression Analysis; United States

Record Date Created: 19910516

Record Date Completed: 19910516

20/5/25 (Item 7 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

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08508484 PMID: 3622561

An efficient and cost effective nuclear medicine image network.

Sampathkumaran K S; Miller T R

European journal of nuclear medicine (GERMANY, WEST) 1987, 13 (4)  
p161-6, ISSN 0340-6997--Print Journal Code: 7606882

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Subfile: INDEX MEDICUS

An image network that is in use in a large nuclear medicine department is described. This network was designed to efficiently handle a large volume of clinical data at reasonable cost. Small, limited function computers are attached to each scintillation camera for data acquisition. The images are transferred by cable network or floppy disc to a large, powerful central computer for processing and display. Cost is minimized by use of small acquisition computers not equipped with expensive video display systems or elaborate analysis software. Thus, financial expenditure can be concentrated in a powerful central computer providing a centralized data base, rapid processing, and an efficient environment for program development. Clinical work is greatly facilitated because the physicians can process and display all studies without leaving the main reading area.

Descriptors: \*Computer Communication Networks; \*Computer Systems; \*Hospital Departments; \*Hospital Information Systems; \*Nuclear Medicine Department, Hospital; \*Radiology Information Systems; Computers; Costs and Cost Analysis; Missouri

Record Date Created: 19871022

Record Date Completed: 19871022

20/5/27 (Item 1 from file: 73)

DIALOG(R)File 73:EMBASE

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0078621160 EMBASE No: 2001227480

Ergonomics, loss management, and occupational injury and illness surveillance. Part 1: elements of loss management and surveillance. A review

Amell T.K.; Kumar S.; Rosser B.W.J.

Ergonomics Research Laboratory, Faculty of Rehabilitation Medicine,  
University of Alberta, Edmonton, Alta., Canada

AUTHOR EMAIL: tamell@ualberta.ca

CORRESP. AUTHOR/AFFIL: Amell T.K.: Ergonomics Research Laboratory,  
Faculty Rehabilitation Medicine, University of Alberta, Edmonton, Alta.,  
Canada

CORRESP. AUTHOR EMAIL: tamell@ualberta.ca

International Journal of Industrial Ergonomics ( Int. J. Ind. Ergon. ) ( Netherlands ) July 10, 2001, 28/2 (69-84)  
CODEN: IJIEE ISSN: 0169-8141  
PUBLISHER ITEM IDENTIFIER: S0169814101000130  
DOI: 10.1016/S0169-8141(01)00013-0  
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 53

This paper discusses ergonomic design principles and programs in terms of a practical, comprehensive corporation-wide loss management ~~viewpoint~~ . Comprehensive loss management may be novel to some individuals in the field of ergonomics, and hence its basic premises are introduced and discussed. One ~~key~~ component of any comprehensive ~~ergonomic~~ program and inherently the loss management program employing ergonomic strategies is the need for thorough and integrated information concerning Occupational Injury and Illness within the organization. These data are utilized to identify and justify the need for an ergonomic design intervention as well as serve as a means of evaluating the efficacy of the intervention. The Occupational Injury and Illness surveillance system model employed by a mid-sized industrial organization is reviewed in Part 1 of this paper. Part 2 of this paper presents the complete Occupational Injury and Illness profile of the mid-sized industrial corporation based upon a comprehensive loss management system model. Relevance to industryAn integral component in determining whether or not an ergonomic intervention is required as well as a means of evaluating the intervention is the Occupational Injury and Illness surveillance program in place within the organization. Without adequate and accurate information pertaining to the Occupational Injury and Illness characteristics of the workforce, a comprehensive ergonomic intervention cannot be successfully implemented. Copyright (c) 2001 Elsevier Science B.V.

#### MEDICAL DESCRIPTORS:

\*ergonomics; \*occupational accident; \*occupational disease  
evaluation; health program; human; industrial worker;  
information; management; model; ~~monitoring~~; occupational hazard  
; occupational health; organization; priority journal; review;  
risk management

MEDICAL TERMS (UNCONTROLLED): loss management

#### SECTION HEADINGS:

Occupational Health and Industrial Medicine

## B. NPL Files, Full-text

File 610:Business Wire 1999-2009/Nov 17

(c) 2009 Business Wire.

File 613:PR Newswire 1999-2009/Nov 17

(c) 2009 PR Newswire Association Inc

File 634:San Jose Mercury Jun 1985-2009/Nov 13

(c) 2009 San Jose Mercury News  
 File 810:Business Wire 1986-1999/Feb 28  
 (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc  
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 File 15:ABI/Inform(R) 1971-2009/Nov 16  
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 File 624:McGraw-Hill Publications 1985-2009/Nov 16  
 (c) 2009 McGraw-Hill Co. Inc  
 File 9:Business & Industry(R) Jul/1994-2009/Nov 16  
 (c) 2009 Gale/Cengage  
 File 16:Gale Group PROMT(R) 1990-2009/Oct 22  
 (c) 2009 Gale/Cengage  
 File 148:Gale Group Trade & Industry DB 1976-2009/Nov 16  
 (c) 2009 Gale/Cengage  
 File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2009/Oct 16  
 (c) 2009 Gale/Cengage  
 File 621:Gale Group New Prod.Annou.(R) 1985-2009/Oct 08  
 (c) 2009 Gale/Cengage  
 File 636:Gale Group Newsletter DB(TM) 1987-2009/Oct 22  
 (c) 2009 Gale/Cengage  
 File 444:New England Journal of Med. 1985-2009/Nov W2  
 (c) 2009 Mass. Med. Soc.  
 File 149:TGG Health&Wellness DB(SM) 1976-2009/Oct W3  
 (c) 2009 Gale/Cengage

Set	Items	Description
S1	170750	(ACTUAT? OR BUTTON? OR ICON? OR AVATAR? OR LINK OR LINKS OR INTERFACE(3N)(ELEMENT? OR FEATURE?) OR PUSHBUTTON? OR DISC OR DISCS OR HOTLINK? OR KEY OR KEYS)(5N)(LARGE OR ERGONOMIC? OR BIG OR EASY(2W)(SEE OR USE) OR ADA(5N)(COMPLY? OR COMPIAN?) OR FINGER OR THUMB)
S2	21729647	DISPLAY? OR SCREEN? OR MONITOR? OR VIEW?
S3	6148172	(HEALTH OR HEALTHCARE OR MEDICAL OR PHYSICIAN? OR DOCTOR? - OR CLINICAL)(5N)(INFORMATION OR MATERIAL? OR DATA OR BOOK? OR PUBLICATION? OR TEXT? OR PERIODICAL? OR JOURNAL?) OR REFERENC-E?
S4	8250397	TEST OR TESTS OR (PATIENT? OR LAB OR LABORATOR? OR MEDICAL OR HOSPITAL)(5N)(DATA OR INFORMATION OR RESULT? OR RECORD? OR HISTORY OR HISTORIES) OR LABS OR BLOODWORK
S5	850267	S4(15N)(INFER? OR RELEVANT OR RELATE? OR RELATING OR PERTI-NENT OR GERMANE OR APPROPRIATE OR APPLICABLE OR ASSOCIATED OR BASED)
S6	868275	(PRIOR OR PREVIOUS OR LAST OR JUST() (ENTERED OR RECEIVED) - OR MOST() RECENT? OR BEFORE OR VIEWED)(5N)(COMMAND? OR INSTRUC-TION? OR DIRECTION? OR ORDER? OR REQUEST? OR ENTRY OR ENTRIES OR INPUT?)
S7	5705877	(MOBILE OR PORTABLE OR WIRELESS OR WIFI OR WI()FI OR HAND? OR CELL? OR PERSONAL OR POCKET)(3N)(TERMINAL? OR DEVICE? OR C-OMPUTER? OR PC?? OR ASSISTANT? OR ORGANI?ER? OR MANAGER? OR P-HONE? OR APPARATUS?) OR CELLPHONE? OR LAPTOP? OR NOTEBOOK? OR PDA? OR BLACKBERR? OR RADIOTELEPHONE?
S8	387	S1(S)S2(S)S3

S9 37 S8(S)S7  
 S10 158 S8(S)(S4 OR S6)  
 S11 0 S8(S)S4(S)S6  
 S12 154 S8(S)S4  
 S13 4 S8(S)S6  
 S14 0 S8 AND S5 AND S6  
 S15 14 S8(S)S5  
 S16 50 S9 OR S13 OR S15  
 S17 11 S16 NOT PY>2001  
 S18 8 RD (unique items)

18/3,K/1 (Item 1 from file: 15)  
 DIALOG(R)File 15:ABI/Inform(R)  
 (c) 2009 ProQuest Info&Learning. All rts. reserv.  
 00961603 96-10996  
 Windows on a catalog database: WLN LaserCat  
 Beiser, Karl  
 Online v19n1 PP: 82-84 Jan/Feb 1995  
 ISSN: 0146-5422 JRNL CODE: ONL  
 WORD COUNT: 1815

...ABSTRACT: offer Windows versions of their database products. The Windows version of LaserCat is attractive and well-thought out - a welcome demonstration of the power of personal computer and CD-ROM technology working together in a graphical user interface environment. A variety of search options are available from a scrolling list on the initial search screen. A large button bar across the top of the screen and just below the LaserCat menu bar provides access to frequently used features. Other aspects of LaserCat are discussed. WLN's LaserCat for Windows drops a modern user interface over an already mature combination of bibliographic reference tool, union catalog, and cataloging tool in a single handsome package.

18/3,K/2 (Item 1 from file: 16)  
 DIALOG(R)File 16:Gale Group PROMT(R)  
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 06119160 Supplier Number: 53732584 (USE FORMAT 7 FOR FULLTEXT)  
 New PalmTop: HP Introduces First Color Palm-Size PC Running Microsoft Windows CE. (HP Jornada 420) (Product Announcement)  
 EDGE: Work-Group Computing Report, pNA  
 Feb 8, 1999  
 Language: English Record Type: Fulltext  
 Article Type: Product Announcement  
 Document Type: Newsletter; Trade  
 Word Count: 666  
 TEXT:

...size PC with color and one of the first products of its type to have designed-in support for integrated paging services. The palm-size PC offers single-handed access to e-mail, personal information and real-time business data for on-the-go professionals. "We've created the HP Jornada 420 palm-size...

...have a positive impact on the way people manage their professional and personal lives," said Dennis Hamann, worldwide marketing manager of HP's

Asia Pacific PC Division. "It allows mobile professionals to reference their vital information in and out of the office, and to keep in touch at all times." The new HP Jornada 420 is the first Windows CE palm-size PC to incorporate an easy-to-read, rich-color display. The brilliant, 256 color, 240 x 320 pixel screen improves readability dramatically over previous monochrome models. Its light weight (only 8.81 ounces) and compact size (5.1 inches x 3.2 inches x 0.9 inches) allows the HP Jornada 420 palm-size PC to travel easily in a pocket or purse. Its configurable start button accommodates quick, easy, single-handed use, and the transparent flip-up cover protects the screen from damage. It also connects easily to a desktop PC for automatic synchronization of personal information and e-mail. A desktop management interface (DMI) implementation...

18/3,K/3 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2009 Gale/Cengage. All rts. reserv.  
02539887 Supplier Number: 43365342  
Franklin pushes portable dictionaries-on-a-chip  
Philadelphia Inquirer (PA), pC1  
Oct 11, 1992  
Language: English Record Type: Abstract  
Document Type: Newspaper; Trade

ABSTRACT:

Franklin Electronic Publishers (Mount Holly, PA) hopes to compete against Sony's 'electronic books' with its new Digital Book System, which holds thick reference volumes in tiny 1-by-2-inch cards inserted into and displayed by a \$199 pocket-size computer. Sony's system requires a large compact disc player to display the electronic books. Franklin's cards don't hold as much information as a CD, but can store the equivalent of 10 printed Bibles. Four...

TEXT:

18/3,K/4 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c) 2009 Gale/Cengage. All rts. reserv.  
06187543 SUPPLIER NUMBER: 13256150 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
1992 winners and losers. (trivia) (The Year That Was: 1992)  
U.S. News & World Report, v113, n25, p109(4)  
Dec 28, 1992  
ISSN: 0041-5537 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2726 LINE COUNT: 00211

... Little Mac. Apple's PowerBook family of Macintosh notebooks made fast friends with the compute-on-the-run crowd. Over 400,000 PowerBooks, now priced at \$2,149 to \$4,469, have sold since...

...module," a PowerBook turns into a desktop PC. \* Wonderful "Windows." Millions of PC users gratefully abandoned typed-in commands, instead pointing at pictures on the screen with a computer mouse. This Macstyle computing for PCs finally took hold with the new, smoother version of Microsoft Windows. Countless programs are being rewritten...  
...because of data-compressing tricks, tumbled as low as \$200. \* Photos on TV. Families can project" still photos of vacations and weddings onto the

television screen using Eastman Kodak's Photo CD system. A special CD holds as many as 100 images transferred from your film by photo shops. No more curled and faded prints. \* Big little discs. A single 43/4-inch compact disc, often spiced with sound and animation, can deliver reference works, maps, a bookshelf of literature, hobby information and knock-your-socks-off games that would fill shopping bags of floppy disks and overwhelm the...

18/3,K/5 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.  
01863650  
TI-2400 PHONE BANK (TM) STORES UP TO 150 NAMES AND NUMBERS FOR EASY  
REFERENCE: DOUBLES AS A VERSATILE, POCKET-SIZE, EIGHT-DIGIT CALCULATOR  
News Release December 23, 1987 p. 1

The pocket-size TI-2400 Phone Bank (TM) product, which stores up to 150 names and numbers for easy reference, is being announced by Texas Instruments at the Winter Consumer Electronics Show in Las Vegas. The TI-2400, one of TI's "Make Life Easier" specialty products, doubles as a versatile eight-digit calculator. The Phone Bank has a two-line liquid-crystal display that shows up to 19 characters (seven letters and 12 numbers maximum); the upper line holds up to seven letters and up to four digits, and the lower line holds up to eight digits. Users can store up to 150 displays of information and can use a secret password to protect private information such as automatic teller machine personal information numbers. The colorful Phone Bank has large, widely spaced, easy-to-use keys that are color-coded by function. The telephone-style graphics makes entering information almost as easy as making a call. Users can retrieve information by...

18/3,K/6 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02408121 SUPPLIER NUMBER: 62653329 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Confessions of a Win Me RC-1 Readme.(News Briefs)  
Finnie, Scot  
WinMag.com, NA  
June 1, 2000  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 4275 LINE COUNT: 00321

TEXT:

...it wants, it'll tell me I can't install the upgrade version of the OS, even if I have, from a legal point of view, every right to install the upgrade."When you get right down to it, Microsoft is probably exaggerating this whole thing, particularly for the OS. Piracy...

...we experienced anything like what's described above, please describe what you got. Be sure to tell me the make and model of your new PC, too.Wireless Surfing with Pocket PCThis week I've connecting my Casio Cassiopeia E-115 32MB Pocket PC to the Internet via a Qualcomm digital phone through Sprint PCS. I'm using Socket's Digital Phone Card for data-capable mobile phones (and Socket provided the Qualcomm



phone and Sprint service). I've been only partially successful at this, probably because I'm on the edge of...

...comes and goes. Setting it up, however, is easier than I expected. The Socket cable, specific to the Qualcomm phone I have, runs between the Pocket PC and the cell phone, and after installing driver software for the Pocket PC, you just set up a dial-up networking connection that dials the cell phone. The Socket hardware and software is well done, although they should focus more on clear, precise on-screen and printed documentation. My biggest issue with this arrangement is the performance. It's way cool to walk around with two battery-powered devices, connected...

...back. This technology is great for checking something very specific -- something composed largely of text. It's not for general purpose surfing, even though the Pocket PC may achieve that at some point. Of course, Sprint and other digital cell phone networks will eventually achieve faster connect rates too. Until then, though, this isn't going to be anyone's primary form of accessing the Internet, and it has limited uses. More on the Casio E-115I'm finding I really like the Casio Pocket PC. For reasons I still haven't quite figured out, I'm more comfortable with stylus activities on the Cassiopeia than I am on the HP...

...functionality. But the hardware is different, and so are some of the basic hardware-oriented software controls. In part, it's the Casio's amazing screen, and it's superior stylus. But that's not the whole of it. Whatever the reason, there's something about the Casio I really like. Insider reader Scott Henry wrote me a pretty scathing Counter Point a few weeks back. Among other things, he held up the Pocket PC handwriting recognition as being better than Palm's, and he wrote that with the CE hand writing recognition, "you simply write on the screen just like you would on paper and the recognition software does the rest." Eh, not quite. But after several weeks with two Pocket PC models, I have become more comfortable than I expected to. There are several oddities about Pocket PC's Character Recognizer. It's idiosyncratic. I prefer Palm's approach to teaching Graffiti too. But the Win CE 3.0 hand-writing-recognition technology...

...with this endeavor. I use Registrar Lite. --S.F. Question: For quite some time I have been looking for a way to change the default view for Windows Explorer. When you first install Windows 95/98/NT/2000, the default file view setting is "Large Icons." I do not like this view at all, and understand that there is an option under Windows Explorer to "remember each folder's view settings." However, you still have to change every folder to List or Details view (for example), which is a pain for anyone with hundreds of folders. Is there some registry change I can perform to change this? --David Tesar Answer...

18/3,K/7 (Item 2 from file: 275)  
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02408078 SUPPLIER NUMBER: 62652932 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Windows Insider 05-04-00.(Editorial)  
Finnie, Scot  
WinMag.com, NA  
May 4, 2000

TEXT:

...I should have sent my evaluation unit back last week. The good news, though, is that you don't actually need a direct to your Pocket PC Internet connection to surf the Web on your Pocket PC, though. In focusing on Pocket IE this last week, I explored Pocket PC's Mobile Favorites and AvantGo features. Mobile Favorites works like this. When you set up a synch relationship between your Pocket PC and your desktop PC, a new toolbar icon appears on Internet Explorer on your \*desktop\* PC. This icon lets you create a Mobile Favorite for any Web page you surf to with your desktop PC. The next time you synchronize with the Pocket PC, your Mobile Favorites will be copied to the Pocket PC, where you can view the pages offline. There's also a setting that makes the desktop PC's version of each Mobile Favorite update on a scheduled basis, so it will always be current. If you're good about synching your Pocket PC to your desktop PC, you'll have a pretty up-to-date reference in your handheld to Web sites you visit regularly. Don't expect a stock ticker to work with that plan, however. One of the main things I wanted to test was Pocket IE's Web site "Fit to Screen" feature. You'd be surprised how well some Web sites work with this. Apple's Web site, for example, works beautifully on the Pocket PC. (A little irony courtesy of Steve Jobs?) And Microsoft's own PocketPC.com site gets a B+ for Pocket PC display, in my book. But other sites like CNBC.com and Winmag.com don't even finish loading (probably because they're using server includes that aren't available offline). Probably the most common experience though is that the home page loads, but the "Fit to Screen" feature has little effect, or just not enough effect to make the Web site very usable. Some sites where this is the case include Quicken.com, Corel, RealNames, and others. When you get to a site that works well, the Pocket PC's scroll-wheel thumb button works very well to move you up and down the page. AvantGo is a third-party Web site service with bundled software on the Pocket PC that represents a different way of approaching the problem. It's harnessing wellknown content and e-commerce sites -- such as the New York Times, Sony, Amazon.com, MSN, Hoovers, Homestead, Bloomberg, Salon, Variety, Fox Sports -- that are essentially Pocket PC channels, designed to display well on the handheld. But AvantGo is more than that, as experienced wireless users know. It's also a wireless Web service, so you can use add-on wireless hardware and AvantGo to access Web content on the go. Without wireless Internet connection device for Pocket PC, I haven't been able to test this yet. One final comment about: What is it with WebTV and Pocket IE that they don't...

18/3,K/8      (Item 3 from file: 275)  
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01305542      SUPPLIER NUMBER: 07742771      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Utilities and languages. (listings of software programs) (directory)  
DG Review, v7, n1, p4(7)  
Summer, 1989  
DOCUMENT TYPE: directory      ISSN: 1050-9127      LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 8309      LINE COUNT: 00734

...can be suspended. Afterwards, users return to the suspended sessions at the point of interruption. Price: Contact vendor CPU: MV/Family Operating Systems: AOS/VS **Reference** Number: 770 Contact: Paula Jacobs Telephone: (508) 898-4183 DATA GENERAL CORP. SOFTWARE PRODUCTS AND SERVICES DIVISION Application: Communications Product Name: AOS/VS Unattended RJE80...

...IBM 2780/3780 RJE terminals. Unattended RJE80 can automatically dial a remote site, transfer files, receive files and write output to a logfile for later viewing--all without the presence of an operator. Price: Contact vendor CPU: MV/Family Operating Systems: AOS/VS **Reference** Number: 928 Contact: Paula Jacobs Telephone: (508) 898-4183 DPZ SYSTEMS, INC. Application: D200 terminal emulation for Wang PCs Product Name: D200 Description: D200 allows a Wang PC/APC or a Wang **LapTop** to function as a DG D200 terminal. All normal features of the PC are usable at any time with branch to DOS. The software supports all 60 D200 PFkeys and both monochrome and color **displays**. ASCII files are transferable and online help is instantly available. Price: \$180 Operating Systems: DOS Languages: Assembler **Reference** Number: 930 Contact: Brent Finster Telephone: (303) 442-1772 FLYING POINT SOFTWARE Application: Terminal emulation/file transfer Product Name: @CON/pc and @CON/pc Plus...

...using the ASCII capture or XMODEM/CRC protocols. The Plus version includes modem auto-dial, keystroke macros, data filtering, branch to CLI and save any **screen** to disk. Baud rates to 38,400 are supported by both versions. The user **interface features easy-to-use** drop-down menus and pop-up windows. Both versions come with extensive online help and comprehensive printed manuals. Price: \$95 (terminal emulation only); \$149 (Plus version) CPU: DG/One, Dasher/286 Operating Systems: MS-DOS Languages: Modula-2/Assembler **Reference** Number: 931 Contact: Eric Cohen Telephone: (516) 283-1100 FLYING POINT SOFTWARE Application: ...transfer capabilities using the ASCII capture of XMODEM/CRC protocols. Other features include modem auto-dial, keystroke macros, data filtering, branch to CLI, save any **screen** to disk and baud rates to 9600. The user **interface features easy-to-use** drop-down menus and pop-up windows. Complete documentation is included. Price: \$695-\$2,695 CPU: MV/Family Operating Systems: AOS/VS Languages: C **Reference** Number: 932 Contact: Eric Cohen Telephone: (516) 283-1100 FLYING POINT SOFTWARE Application: XMODEM file transfers Product Name: XM Server Description: XM Server provides MV...

## V. Additional Resources Searched

### Financial Times – ProQuest

2. (button? or icon? or actual\* or avatar? or link? or key?) AND (health or healthcare or medical or physician? or doctor?) W/3 (information? or data or material? or book? or publication? or text\* or periodical? or journal? or reference?) AND (display? or view? or screen? or monitor?) AND PDN(<2/2/2001) AND PMID(32326)

:DatabaseMultiple databases...

Look for terms in: Citation and document text

Publication type: All publication types

1. (button? or icon? or actual\* or avatar? or link? or key?) AND (health or healthcare or medical or physician? or doctor?) AND (information? or data or material? or book? or publication? or text\* or periodical? or journal? or reference?) AND (display? or view? or screen? or monitor?) AND PDN(<2/2/2001) AND PMID(32326)

:DatabaseMultiple databases...

Look for terms in: Citation and document text

Publication type: All publication types

**Caring touch of the computer: TECHNOLOGY MACHINES AND MEDICINE: Technical advances could help doctors tailor treatments to individual patients in intensive care units, says Vanessa Houlder; [London edition] Houlder, Vanessa. Financial Times. London (UK): Apr 3, 1998. pg. 16**

**Abstract:** Computers have obvious scope in such an information-intensive part of medicine. New ways of processing data could help doctors improve their ability to tailor treatments to individual patients, improve medical practice, warn against human error and automate equipment.

Yet the involvement of computers in matters of life and death can be controversial. The ethical dimension to the issue was illustrated four years ago, by the then director of the intensive care unit at Guy's Hospital in London. He proposed using a computer programme to predict whether a patient would recover, based on medical history, current condition and the outcome of similar cases. The computer's predictions could be used to decide when to switch off the life support systems, he said. His argument, which was partly designed to make a political point about cost constraints, was fiercely criticised by doctors at Guy's and elsewhere. They argued that knowing the typical outcome for a group of similar patients was not a safe way to decide the prospects for an individual patient.

Peter Nightingale, director of the intensive care unit at Withington Hospital in Manchester and treasurer of the UK's Intensive Care Society, says: "If you give total control to a machine with no checking, there is a danger of erroneous data and positive feed-back. You have computers running aircraft and you trust them, but the human being is a much more difficult thing to control." Nonetheless, he argues that computers may have a valuable role to play in certain circumstances. "A rapid response by a machine may be better than intermittent response by humans."

### Internet and Personal Computing Abstracts – EbscoHost

	Query	Limiters/ Expanders	Last Run Via	Results
S2	TX ( button? or icon? or actual* or avatar? or link? or key? ) and TX ( ergonomic* or large or big or thumb or finger or easy ) and TX ( health or healthcare or medical or physician? or doctor? ) and TX ( information or material? or data or book? or publication? or text* or periodical? or journal? or reference? ) and ( display? or	<b>Limiters</b> - Date Published from: 19000101-20010231 <b>Search modes</b> - Boolean/Phrase	<b>Interface</b> - EBSCOhost <b>Search Screen</b> - Advanced Search <b>Database</b> - Internet and Personal Computing Abstracts	3

	screen? or monitor? or view? )			
Si	TX ( button? or icon? or actual* or avatar? or link? or key? ) and TX ( display? or screen? or monitor? or view? ) and TX ( health or healthcare or medical or physician? or doctor? ) and TX ( information or material? or data or book? or publication? or text* or periodical? or journal? or reference? )	<b>Limiters</b> - Date Published from: 19000101-20010231 <b>Search modes</b> - Boolean/Phrase	<b>Interface</b> - EBSCOhost <b>Search Screen</b> - Advanced Search <b>Database</b> - Internet and Personal Computing Abstracts	17

**Title:** Easy searching: MicroPhone scripts for searching the MEDLARS databases.

**Authors:** Morgan, Eric Lease

**Source:** Online; March 1, 1992, Vol. 16 Issue 2, p65, 3p

**Document Type:** Article

**Subject Terms:**

INFORMATION retrieval

MEDICINE

PROGRAMMING languages (Computers)

**Geographic Terms:** UNITED States

**Author-Supplied Keywords:** MEDLARS

**Abstract:**

Examines how searches in the Medical Literature Analysis and Retrieval System (MEDLARS) family of databases can be greatly simplified through scripts written with the MicroPhone communications program for Macintosh or DOS computers with Windows. Presents seven samples of actual scripts written using version 3.0 of MicroPhone for the Macintosh as well as featured icons. Includes 18 icons and 6 sample displays.

**ISSN:** 0146-5422

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**Database:** Internet and Personal Computing Abstracts

**Title:** Making libraries comfortable -- To server out patrons properly, we must keep up with the latest ergonomics research.

**Authors:** Balas, Janet

**Source:** Computers in Libraries; September 1, 1997, Vol. 17 Issue 8, p49-50, 2p

**Document Type:** Article

**Subject Terms:**

WEB sites

HUMAN engineering

INFORMATION resources

MICROCOMPUTER workstations

HEALTH

COMPUTER conferencing

**Geographic Terms:** UNITED States

**Author-Supplied Keywords:**

ErgoLib  
General Libraries Ergonomics Task Force  
Computer Related Repetitive Strain Injury Web Site, The  
CUErgo  
ErgoForum

**Abstract:**

ONLINE TREASURES column presents a guide to ergonomics information sources available on the world Wide Web. Explains that these sites provide information on ergonomics, defined as "the science of designing the workplace to fit the worker," and how to apply ergonomics to libraries to make them more comfortable. Includes: the ErgoLib Web site, which provides links to ergonomics-related resources; the General Libraries Ergonomics Task Force Web site, from the University of Texas at Austin, which focuses on workstation design and use; the Computer Related Strain Injury Web site, for information on how to prevent and treat repetitive strain injuries; CUErgo, the Cornell Ergonomics Web site and the DNN Science and Technology News Feature on Children and Computers, both which deal with workstations for children; and the ErgoForum site from the ErgoForum Society, which features online ergonomics conferences. Includes one photo, four screen displays, and one list of resources.

**ISSN:** 1041-7915

**Persistent link to this record (Permalink):**

<http://search.ebscohost.com/login.aspx?direct=true&db=iqh&AN=IPCA0513376&site=ehost-live>

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